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## INDUSTRIAL MORBIDITY STATISTICS.

The following report of a committee on industrial morbidity statistics of the American Public Health Association, Section on Vital Statistics, will be presented before that body at its annual meeting to be held in Chicago October 14-17, 1918:

This report is the result of a resolution adopted at the meeting of the American Public Health Association, Section on Vital Statistics, Washington, D. C., October 18, 1917. The resolution followed the presentation of a paper entitled, "Morbidity Statistics of War Industries Needed" by Dr. B. S. Warren and Mr. Edgar Sydenstricker, of the United States Public Health Service. In this paper the writers, having emphasized the importance of industrial morbidity statistics and the great need for such statistics at the present time, suggested the following minimum requirements for such statistics:

1. A record of the exposure, in years or in months, of the workers, who should be classified according to sex, age, and occupation.

2. A record of the cases of sickness (at least those causing disability), including (a) sex, age, and occupation of persons afflicted, and (b) cause of sickness with time of onset, length of disability, and nature of termination.

The resolution adopted by the section directed the chairman to appoint a representative committee (a) to develop the above minimum requirements into a system of standard morbidity records; (b) to prepare standard tables which would present the essential facts of sickness as they arise from the tabulation of the records referred to; and (c) if possible, to outline plans by which employers of labor might be interested to adopt the uniform methods recommended.

The committee was organized to include the following groups: The United States Public Health Service, statisticians interested in industrial morbidity, employment and welfare managers in industry, and organized labor.

A number of meetings were held throughout the spring in New York at the office of the chairman.

For the purposes of this report, illness was defined to include cases of disability due to sickness or nonindustrial accident causing absence from work for a period not less than one day. The committee kept in mind, however, that in many plants it would be for the present impracticable to keep records of cases of sickness of such short duration. For such establishments an alternative plan was suggested under which the minimum duration of disability recorded might be three, five, or seven days, but in these cases the minimum period should be clearly stated. Nonindustrial accidents were interpreted to include only those cases of disability which occurred outside of the establishment and when the employee was not at work.

### 1. The Record of Sickness.

The card shown below is recommended for adoption by the American Public Health Association and by industrial establishments for recording industrial morbidity. The card can be 4 by 6 inches in size.

[illegible]

[On reverse of record card.]

EXPLANATIONS OF TERMS USED.

*Marital condition.*—State whether married, single, widowed, or divorced.

*Date employment ended.*—Give date of termination of service if employee resigned or was discharged, or of death if employee died.

**Occupation.**—Occupation should be stated definitely to indicate the particular kind of work done in the department—for example, sand blaster of metal parts, japanner, oven tender, mixer, wringer, dipper. Do not use such indefinite terms as laborer, machinist, foreman, operator. If employee is exposed to poisons, deleterious dust, heat, fumes, or humidity, please specify.

*Dates of absence.*—The date of beginning of absence is the date on which the employee quit work, irrespective of the hour. The date absence ended is the date prior to the one on which employee returned to work, irrespective of the hour.

*Total days lost.*—This is the period between the date of the beginning and the date of the close of the absence, including Sundays and holidays.

*Sickness or nonindustrial injury.*—Record the disease or condition causing disability as given by the attending physician. Where there is no physician, give the diagnosis as described by the employee. State disease or condition in the most definite terms. For example, do not use such terms as "colds," "cough," "disability," "weakness," "fever." Injuries should be recorded only if nonindustrial in character—that is, if they happened outside of working hours while employee was not at work. Occupational disease should be recorded.

*By whom diagnosed.*—Record whether by physician, nurse, or patient.

*Condition on close of case.*—State whether "Recovered," "Improved," "Unimproved," or "Died."

*Remarks.*—Give any additional information pertinent to the case.

The above card and instructions and explanations of the terms used represent what the committee believe to be minimum requirements for the recording of sickness. In some establishments much more complete information can be obtained, and in such cases the committee recommends that a fuller card be used. Care should be taken, however, in such establishments to have the items included on this card unchanged and in accessible form.

## 2. Record of Personnel Exposed to Sickness.

In addition to the record of sickness a record of personnel is essential to the study of industrial morbidity. Unless there is available a count of the number of workers by color, sex, and age period for the period of the study, the records of sickness will not give the information desired. The following method is suggested for determining the number of persons exposed to illness in any establishment.

The sickness record card may serve simultaneously as the personnel card. The upper part of the form is to be filled out for each employee at the time of his appointment. The card is then kept in an active file, subdivided by departments, so long as the employee remains with the establishment, and after that in an inactive file. When the employee is shifted from one department to another the card is to be revised to cover the change in the space given to occupation, the date of the change is recorded, and the card is transferred to the file of the department to which the employee goes.

To facilitate keeping the personnel record it is recommended that "tabs" or "signals," located in certain divisions of the top of the card, be used to designate sex, color, and age group. Three such age groups will answer. Thus, a blue signal in the left third of the top of the card would indicate "white male, under 25 years," in the middle third "25 to 44 years," and in the right third "45 years and over." A red signal could be used for white females, a yellow one

for colored males, and a green one for colored females. At the end of each month the clerk in charge of the file would record the number of workers in each sex, color, and age group, obtaining the data solely from the tabs. The monthly records of any year would be summed for each color, sex, and age class to find the average number of employees exposed in each group.

The record of sickness may be secured from the cards without difficulty if a signal distinct from the personnel signals be attached to each card as the first illness occurs.

An alternative plan suggests itself, namely, that the pay roll be used as a guide to the number of persons employed from week to week and that the color, sex, and age data be obtained by census of the employees annually. The annual average pay roll could be divided into color, sex, and age classes according to the proportions prevailing at the time of the employees' census. This is not recommended under present unusual conditions. While cheaper, it does not lend itself to an accurate statement of the age and sex distribution of the personnel. The method is a makeshift at best and will break down, especially where, as under present conditions, male employees are constantly replaced by female workers and where persons of draft age are replaced by much younger and older employees.

### 3. Tabulation of Sickness Statistics.

The proper classification and tabulation of the data from the personnel records and from the records of sickness will result in a series of statistical tables. The following tables are recommended as a beginning in the tabulation of industrial sickness statistics:

TABLE 1.—*Number of cases of sickness having duration of ——— days or more, excluding industrial accidents, and rates per 1,000 exposed, by age and by sex during 191—.*

Age.	Males.			Females.		
	Number exposed.	Cases of sickness.	Cases per 1,000 exposed.	Number exposed.	Cases of sickness.	Cases per 1,000 exposed.
Total, all ages.....						
Under 25 years.....						
25 to 44 years.....						
45 years and over.....						

Distinction may further be made for white and colored persons where there is a sufficient number of colored employees; where no such classification is desired in the personnel of the establishment it may be useful to distinguish between those speaking English and those not speaking English.



**TABLE 2.**—Average number of days of sickness in Table 1 per employee exposed, and days per case of sickness by age and sex during 191—. (Color or language distinction may be made as suggested in Table 1 where the conditions warrant such classification.)

Age.	Males.				Females.			
	Number exposed.	Days lost through sickness.	Days per 1,000 exposed.	Days per case of sickness.	Number exposed.	Days lost through sickness.	Days per 1,000 exposed.	Days per case of sickness.
Total, all ages.....								
Under 25 years.....								
25 to 44 years.....								
45 years and over.....								

**TABLE 3.**—Number of cases of sickness in Table 1 classified by disease or condition, and rates per 1,000 exposed by sex during 191—.

Disease or condition.	White males.		White females.	
	Number of cases.	Cases per 1,000 exposed.	Number of cases.	Cases per 1,000 exposed.
All diseases and conditions.....				
Typhoid fever, etc.....				

**TABLE 4.**—Number of cases of sickness in Table 1 and days of sickness in Table 2 classified by principal occupations, and rates per 1,000 exposed in each occupation.

Industry and specific occupation.	Number of cases of sickness.	Cases per 1,000 exposed.	Number of days lost through sickness.	Days per 1,000 exposed.	Days per case.
Automobile factories:					
Grinders.....					
Painters, varnishers, enamelers, etc.....					

**TABLE 5.**—Number of cases of sickness in Table 1 classified by disease or condition and by medical attendance.

Disease or condition.	Total cases.	With physician.	Without physician.
All diseases and conditions.....			
Typhoid fever, etc.....			

#### 4. Agency for the Collection and Publication of Industrial Morbidity Statistics.

It is recommended that the United States Public Health Service be made the central agency or clearing house for the collection, analysis, and publication of industrial morbidity statistics. This should insure uniformity in the statistical procedures used, as well as accuracy of analysis. No bias can attach to publications issued under the auspices of the United States Public Health Service. Such central agencies as the Industrial Conference Board and other groups now engaged in the study of industrial morbidity in their cooperating establishments should be encouraged to proceed with their plans. The assistance of the United States Public Health Service is recommended for the wider extension of this work to those industrial groups not now benefiting from the study of the records of sickness in the establishments under their control. To this end, it may be necessary for the Public Health Service to put at the disposal of employers of labor qualified recording clerks who will keep the records of personnel and sickness up to date. It is understood that the Public Health Service will undertake to carry out this plan in a small number of establishments where such cooperation with the Federal Government is desired. The plan, if it proves satisfactory, will be extended to other establishments as fast as appropriations by Congress will permit. When the reports are collected they will be tabulated, analyzed, and published for the benefit of other establishments and those interested in the public health.

LOUIS I. DUBLIN, *Chairman.*

CARL B. AUER.

WILLIAM A. HATHAWAY.

Dr. GEORGE E. TUCKER.

Dr. B. S. WARREN, *Secretary.*

NOTE.—The preparation of the tables listed above will entail the use of a series of lists covering both the occupations and the diseases and conditions. It is not thought necessary in this report to publish lists of either occupations or diseases, since such are now available to the United States Public Health Service. Should other groups be willing to undertake the study of their records of morbidity as indicated above, it is recommended that the classification of diseases follow closely the titles of "The Bellevue Hospital Nomenclature of Diseases and Conditions," published by the Board of Trustees of Bellevue and Allied Hospitals, New York, 1911. It will not be necessary to suggest lists of occupations for any single establishment.

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#### SANITARY CONTROL OF WADING POOLS.

Experiences in the sanitary control of wading pools at Newark, N. J., are related by Dr. C. V. Craster, health officer of that city, in a paper read before the American Society for Promoting Hygiene and Public Baths.<sup>1</sup> Studies made of three public wading pools showed

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<sup>1</sup> At a meeting held in Newark on May 15, 1918.

all to be heavily polluted. The chief reason for this condition is stated to have been the overcrowding of the pools during the summer.

Dr. Craster states that the bottom and sides of wading pools should be of cement or tile and that there should be a coping seat provided. In other words, natural effects in landscape gardening should not be expected in adapting a pool of water for wading purposes. It is stated that cleansing and scrubbing of all surfaces should be done daily and, unless the pools are provided with rapidly flowing water, that chlorination should be a routine procedure. The necessity of supervising the use of the pool is emphasized. Where possible, showers for the feet and toilet accommodations, Dr. Craster states, should be provided in a near-by building.

# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.*

## UNITED STATES.

### EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED AUG. 24.

CAMP BEAUREGARD ZONE, LA.		CAMP DODGE ZONE, IOWA.	
Gonorrhea:	Cases.	Des Moines:	Cases.
Alexandria.....	1	Diphtheria.....	4
Malaria:		Gonorrhea.....	14
Alexandria.....	1	Scarlet fever.....	4
Mumps:		Smallpox.....	3
Alexandria.....	1	Syphilis.....	4
Typhoid fever:		Typhoid fever.....	2
Alexandria.....	1	CAMP DONIPHAN ZONE, OKLA.	
Boyce.....	1	Lawton:	
Echo.....	1	Gonorrhea.....	2
Pineville.....	3	Mumps.....	1
Rural district.....	1	CAMP EBERTS ZONE, ARK.	
Whooping cough:		Erysipelas:	
Alexandria.....	9	Lonoke.....	1
Pineville.....	5	Lonoke, route 2.....	1
CAMP BOWIE ZONE, TEX.		Lonoke, route 4.....	1
Fort Worth:		Gonorrhea:	
Chaneroid.....	3	England.....	2
Diphtheria.....	3	Lonoke, route 2.....	1
Gonorrhea.....	241	Scotts.....	1
Malaria.....	3	Malaria:	
Mumps.....	1	Austin.....	1
Smallpox.....	2	Austin, route 2.....	1
Syphilis.....	94	Cabot.....	4
Typhoid fever.....	6	Carlisle.....	16
BREMERTON ZONE, WASH.		Carlisle, route 1.....	1
Chicken pox.....	1	Carlisle, route 2.....	1
Gonorrhea.....	2	Keo.....	7
Measles.....	2	Kerr, route 1.....	3
Syphilis.....	2	Lonoke, route 2.....	1
CAMP DEVENS ZONE, MASS.		Scotts, route 1.....	1
South Lancaster:		Ward.....	5
Diphtheria.....	1	Septic sore throat:	
Whooping cough.....	5	Kerr, route 1.....	1
CAMP LIX ZONE, N. J.		Ward.....	5
Typhoid fever:		Syphilis:	
Pemberton Borough.....	1	Lonoke, route 2.....	1
		Trichinosis:	
		Scotts, route 1.....	1
		Tuberculosis:	
		England.....	1
		Typhoid fever:	
		Carlisle.....	2
		Lonoke, route 4.....	1
		Whooping cough:	
		Lonoke, route 1.....	2

CAMP FUNSTON ZONE, KANS.	
Diphtheria:	Cases.
Junction City .....	1
Whooping cough:	
Ogden .....	2

CAMP GORDON ZONE, GA.	
Atlanta:	
Diphtheria .....	1
Gonorrhea .....	19
Mumps .....	2
Pneumonia .....	1
Scarlet fever .....	4
Smallpox .....	1
Syphilis .....	36
Tuberculosis .....	5
Typhoid fever .....	5
Whooping cough .....	2
East Point:	
Smallpox .....	1

CAMP GREENE ZONE, N. C.	
Charlotte Township:	
Chancroid .....	4
Chicken pox .....	1
Gonorrhea .....	16
Syphilis .....	18
Typhoid fever .....	7
Whooping cough .....	4

GULFPORT HEALTH DISTRICT, MISS.	
Cancer .....	2
Diphtheria .....	1
Gonorrhea .....	8
Malaria .....	22
Mumps .....	1
Pneumonia .....	1
Syphilis .....	1
Tuberculosis .....	1
Typhoid fever .....	2

CAMP HANCOCK ZONE, GA.	
Augusta:	
Gonorrhea .....	5
Malaria .....	3
Syphilis .....	19
Tuberculosis .....	6
Whooping cough .....	5

CAMP JOSEPH E. JOHNSTON ZONE, FLA.	
Chicken pox:	
Jacksonville .....	1
Diphtheria:	
Jacksonville .....	1
Gonorrhea:	
Jacksonville .....	40
Hookworm disease:	
Ortega .....	2
Malaria:	
Lackawanna .....	3
Jacksonville .....	3
Ortega .....	5
Mumps:	
Eastport .....	1
Jacksonville .....	2
Syphilis:	
Jacksonville .....	46
Typhoid fever:	
Fishers Corner .....	4
Jacksonville .....	4
Moncrief .....	2
Whooping cough:	
Jacksonville .....	1

FORT LEAVENWORTH ZONE, KANS.	
Gonorrhea:	
Leavenworth .....	10
Typhoid fever:	
Leavenworth County .....	2

CAMP LEE ZONE, VA.	
Chesterfield County:	
Typhoid fever .....	2
Hopewell:	
Scarlet fever .....	1
Typhoid fever .....	1
Whooping cough .....	3
Petersburg:	
Gonorrhea .....	19
Measles .....	1
Smallpox .....	1
Syphilis .....	21
Typhoid fever .....	10
Whooping cough .....	1

CAMP LEWIS ZONE, WASH.	
Mumps:	
Steilacoom .....	1

CAMP LOGAN ZONE, TEX.	
Houston:	
Diphtheria .....	2
Gonorrhea .....	6
Syphilis .....	2
Tuberculosis .....	7
Typhoid fever .....	3
U. S. Government Clinic:	
Chancroid .....	2
Gonorrhea .....	81
Syphilis .....	17

CAMP M'ARTHUR ZONE, TEX.	
Waco:	
Gonorrhea .....	21
Syphilis .....	15
Tuberculosis .....	1
Whooping cough .....	1

CAMP M'CLELLAN ZONE, ALA.	
Anniston:	
Gonorrhea .....	10
Scarlet fever .....	1
Syphilis .....	3
Precinct 15:	
Typhoid fever .....	1

FORT OGLETHORPE ZONE, GA. AND TENN.	
Cerebrospinal meningitis:	
North Chattanooga .....	1
Shepherd .....	1
Chicken pox:	
Chickamauga .....	2
Diphtheria:	
Chattanooga .....	2
Gonorrhea:	
Altonpark .....	2
Chattanooga .....	20
Eastlake .....	1
Malaria:	
Chattanooga .....	1
Scarlet fever:	
Chattanooga .....	3
Kensington .....	1
Rossville .....	1



PORT OGLETHORPE ZONE, GA. AND TENN.—  
continued.

Syphilis:	Cases.
Chattanooga.....	8
Eastlake.....	1
Tuberculosis:	
Chattanooga.....	1
East Chattanooga.....	1
Typhoid fever:	
Chattanooga.....	1
East Chattanooga.....	1
Eastlake.....	1
St. Elmo.....	2
Shepherd.....	1
Whooping cough:	
Chattanooga.....	1

CAMP PIKE ZONE, ARK.

Chancroid:	
Little Rock.....	4
Gonorrhea:	
Little Rock.....	29
North Little Rock.....	2
Pieron.....	1
Scotts.....	1
Malaria:	
Galloway.....	1
Little Rock.....	14
North Little Rock.....	3
Pieron.....	2
Measles:	
Little Rock.....	1
Pellagra:	
Little Rock.....	1
Pneumonia:	
Little Rock.....	1
Septic sore throat:	
Scotts.....	1
Syphilis:	
Little Rock.....	11
Tuberculosis:	
Little Rock.....	6
North Little Rock.....	1
Sweet Home.....	1

PORTSMOUTH AND NORFOLK COUNTY HEALTH DIS-  
TRICT, VA.

Chancroid:	
Norfolk.....	3
Chicken pox:	
Fentress.....	2
Diphtheria:	
Norfolk.....	2
Portsmouth.....	1
Dysentery:	
Quartermaster Terminal.....	1
Gonorrhea:	
Norfolk.....	32
Portsmouth.....	5
Malaria:	
Churchland.....	1
Deep Creek.....	1
Norfolk County.....	1
Port Norfolk.....	1
Portsmouth.....	2
Scarlet fever:	
Ccean View.....	1

PORTSMOUTH AND NORFOLK COUNTY HEALTH DIS-  
TRICT, VA.—continued.

Syphilis:	Cases.
Norfolk.....	2
Quartermaster Terminal.....	2
Tetanus:	
Port Norfolk.....	1
Tuberculosis:	
Norfolk.....	1
Portsmouth.....	2
Typhoid fever:	
Deep Creek.....	1
Norfolk.....	3
South Norfolk.....	2
West Norfolk.....	1
Whooping cough:	
Portsmouth.....	1

PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H.  
AND ME.

Cerebrospinal meningitis:	
Brentwood.....	1
Dysentery:	
Brentwood.....	1
Gonorrhea:	
Kittery.....	3
Portsmouth.....	11
Measles:	
Kittery.....	1
Portsmouth.....	1
Salem.....	2
Scarlet fever:	
Kittery.....	1
Syphilis:	
Portsmouth.....	2
Tuberculosis:	
Greenland.....	1
Typhoid fever:	
Portsmouth.....	1

CAMP SEVIER ZONE, S. C.

Typhoid fever:	
Bates Township.....	3
Greenville Township.....	2

CAMP SHELBY ZONE, MISS.

Gonorrhea:	
Hattiesburg.....	5
Malaria:	
Hattiesburg.....	3
Tuberculosis:	
Hattiesburg.....	2
Typhoid fever:	
Covington County.....	1
Hattiesburg.....	1
Near Hattiesburg.....	1

CAMP SHERIDAN ZONE, ALA.

Montgomery:	
Diphtheria.....	2
Diphtheria, carriers.....	3
Malaria.....	1
Scarlet fever.....	1
Smallpox.....	1
Syphilis.....	1
Tuberculosis, pulmonary.....	2
Typhoid fever.....	4

## CAMP SHERIDAN ZONE, ALA.—continued.

Montgomery County:	Cases.
Tuberculosis, pulmonary.....	1
Typhoid fever.....	4
U. S. Government Clinic:	
Chancroid.....	10
Gonorrhea.....	19
Syphilis.....	12

## CAMP SHERMAN ZONE, OHIO.

Diphtheria:	
Chillicothe.....	1
Gonorrhea:	
U. S. Government clinic.....	11
Syphilis:	
U. S. Government clinic.....	2

## CAMP ZACHARY TAYLOR ZONE, KY.

Chancroid:	
U. S. Government clinic.....	1
Chicken pox:	
Louisville.....	1
Continued fever:	
Louisville.....	1
Diphtheria:	
Louisville.....	3
Gonorrhea:	
Louisville.....	5
U. S. Government clinic.....	10
Malaria:	
Louisville.....	1
Measles:	
Jeffersonville, Ind.....	1
Louisville.....	1
Pneumonia, lobar:	
Louisville.....	1
Smallpox:	
Louisville.....	1
Syphilis:	
U. S. Government clinic.....	19
Trachoma:	
Louisville.....	2
Tuberculosis, pulmonary:	
Floyd County, Ind.....	1
Jefferson County.....	1
Jeffersonville, Ind.....	1
Louisville.....	10
New Albany, Ind.....	1
Typhoid fever:	
Jefferson County.....	3
Jeffersonville, Ind.....	1
Louisville.....	11
Whooping cough:	
Louisville.....	6
New Albany, Ind.....	4

## TIDEWATER HEALTH DISTRICT, VA.

Hampton:	
Typhoid fever.....	1
Newport News:	
Chancroid.....	2
Diphtheria.....	2
Gonorrhea.....	19

## TIDEWATER HEALTH DISTRICT, VA.—continued.

Newport News—Continued.	Cases.
Malaria.....	1
Pellagra.....	1
Smallpox.....	2
Syphilis.....	8
Tuberculosis.....	7
Typhoid fever.....	5
Whooping cough.....	4
Phoebus:	
Tuberculosis.....	1
Typhoid fever.....	1

## CAMP TRAVIS ZONE, TEX.

San Antonio:	
Gonorrhea.....	35
Syphilis.....	38
Tuberculosis.....	4
Typhoid fever.....	12

## CAMP UPTON ZONE, N. Y.

Brook Haven:	
Tuberculosis.....	1
Typhoid fever.....	1

## VANCOUVER ZONE, WASH.

Measles.....	1
Mumps.....	1
Typhoid fever.....	1
Whooping cough.....	1

## CAMP WADSWORTH ZONE, S. C.

Glenn Springs:	
Gonorrhea.....	1
Malaria.....	5
Typhoid fever.....	1
Spartanburg:	
Diphtheria.....	1
Gonorrhea.....	26
Measles.....	1
Mumps.....	1
Tuberculosis.....	1
Typhoid fever.....	6
Whooping cough.....	2

## CAMP WHEELER ZONE, GA.

Bibb County:	
Conjunctivitis.....	7
Typhoid fever.....	1
Macon:	
Gonorrhea.....	2
Malaria.....	6
Pellagra.....	1
Tuberculosis.....	2
Typhoid fever.....	3
U. S. Government clinic:	
Gonorrhea.....	4
Syphilis.....	4

DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.<sup>1</sup>

The following data are taken from telegraphic reports received in the office of the Surgeon General, United States Army, for the week ended August 16, 1918:

Annual admission rate per 1,000 (disease only):		Noneffective rate per 1,000 on day of report—Continued.	
All troops.....	1,007.7	Cantonments.....	37.88
Divisional camps.....	1,281.3	Departmental and other troops.....	30.68
Cantonments.....	1,080.7	Annual death rate per 1,000 (disease only):	
Departmental and other troops.....	791.4	All troops.....	2.71
Noneffective rate per 1,000 on day of report:		Divisional camps.....	1.61
All troops.....	36.09	Cantonments.....	3.35
Divisional camps.....	43.76	Departmental and other troops.....	2.48

Cases of special diseases reported during the week ended Aug. 16, 1918.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Noneffective per 1,000 on day of report.
				Total.	New infections.						
Beauregard.....	7		6	1	1	10				809.4	84.72
Bowie.....			1	13	9					1,483.5	49.20
Cody.....	4			40	2					401.3	16.55
Fremont.....		2	1	30	6	1				393.4	24.80
Greene.....	2			133	70	2				1,795.8	63.94
Greenleaf.....	2		5	33		9		3		923.3	43.25
Hancock.....	5		4	246	7				2	1,436.8	40.34
Kearny.....				7		1			1	764.6	96.62
Logan.....	1		2	77						1,704.9	49.96
MacArthur.....	5	1		951	5	2			2	3,307.6	68.76
McChellan.....	1		4	160	5	1				1,473.3	48.66
Sevier.....	1			32		2				1,002.6	68.61
Shelby.....	3	1	26	43		35				1,380.1	49.85
Sheridan.....	3		3	260	11	42				1,711.2	46.69
Wadsworth.....	5		2	271		2				1,248.3	32.11
Wheeler.....	5			80	5				3	886.0	28.28
Custer.....	5			750	5	3		1	2	1,780.2	16.76
Devens.....	5		2	346	25	14		1	2	728.0	32.94
Dix.....	3	1		144	4	5			3	1,075.2	30.49
Dodge.....	19		2	69		11	1		5	947.8	63.90
Funston.....	15			22		15		2	2	453.2	12.31
Gordon.....	77		28	167	1	73			8	2,179.1	66.99
Grant.....	6		4	66		12		1	3	274.6	13.33
Jackson.....	1			167	2	32	1		2	923.7	50.74
J. E. Johnston.....	2		7	39	36	21	1			1,105.3	33.57
Las Casas.....	19		6	2	2	53			1	1,426.1	45.54
Lee.....	7	2		88	3	37			3	743.2	47.73
Lewis.....	8		1	124	8	12			2	1,131.3	42.60
Meade.....	5	1	8	429	6	3				761.9	23.41
Pike.....	26		23	79	28	120			11	1,278.8	56.20
Sherman.....	6		1	188		15		1	4	1,243.2	43.01
Taylor.....	10			44	2	52			2	1,143.4	33.99
Travis.....	35	3	1	83	4	3		1	5	2,018.2	45.36
Upton.....	2	1		577	7	14	1	1	2	1,262.8	40.59
Northeastern Department.....				9	4					573.1	22.04
Eastern Department.....	8	1	10	267	30	26			3	667.3	20.65
Southeastern Department.....			16	36	17	1			1	1,484.5	59.88
Central Department.....	4			44	12	3			3	644.0	16.52
Southern Department.....	3	2	4	131	44	2			7	759.5	30.08
Western Department.....	1			50	15	2				611.8	19.32
Aviation camps.....	4	1	2	156		13		2	19	829.3	29.56
Ports of embarkation:											
Hoboken.....	6	1	3	285	33	37	3	2		1,019.5	52.95
Newport News..	9	7	3	101	4	16			4	1,544.8	84.14

<sup>1</sup> Including Porto Rico.

## Cases of special diseases reported during the week ended Aug. 16, 1918—Continued.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Noneffective per 1,000 on day of report.
				Total.	New infections.						
Alcatraz.....				1	1					567.3	15.27
Leavenworth.....			1	15	2					1,371.6	35.61
Columbus Barracks.....			5	232	2				1	914.9	28.00
Jefferson Barracks.....	1			26		9			2	2,953.0	91.01
Logan, Fort.....				14	1					1,631.1	56.87
McDowell, Fort.....	1		1	74						2,202.0	99.21
Slocum, Fort.....				5					1	1,418.78	47.16
Thomas, Fort.....			1	20		25			1	970.1	30.78
Arsenals.....									1	793.6	19.15
West Point.....			2							1,208.6	11.35
Miscellaneous small stations.....				3	10						
General hospitals.....			2						9	505.9	9.46
Total.....	335	24	187	7,230	421	744	7	14	119		

## Annual rate per 1,000 for special diseases.

Disease.	All troops in United States. <sup>1</sup>	Departmental and other troops. <sup>1</sup>	Divisional camps. <sup>1</sup>	Cantonments. <sup>1</sup>	Expeditionary forces. <sup>2</sup>
Pneumonia.....	10.8	3.46	8.09	17.90	6.3
Dysentery.....	.77	1.06	.71	.57	2.93
Malaria.....	6.03	4.43	9.71	5.93	.89
Venereal.....	232.2	130.4	427.7	241.9	19.8
Paratyphoid.....					
Typhoid.....	.38	.17	.54	.50	.25
Measles.....	24.0	11.89	20.7	35.4	4.98
Meningitis.....	.22	.26		.28	.68
Scarlet fever.....	.45	.35	.54	.50	1.32

<sup>1</sup> Week ended Aug. 16, 1918.<sup>2</sup> Week ended Aug. 8, 1918.

## CURRENT STATE SUMMARIES.

## Telegraphic Reports for Week Ended August 24, 1918.

*Alabama.*—By counties. Typhoid fever: Choctaw 1, Cleburne 1, Colbert 12, Henry 4, Mobile 17, Montgomery 2, Sumter 1, Tuscaloosa 5, Walker 2. Malaria: Autauga 5, Choctaw 2, Colbert 17, Henry 9, Jackson 7, Lauderdale 1, Mobile 4, Sumter 3, Tuscaloosa 8, Walker 8. Smallpox: Chambers 8, Colbery 1, Jackson 2, Lauderdale 1, Mobile 2, Sumter 2, Tallapoosa 4. Diphtheria: Lauderdale 2, Mobile 4, Montgomery 2, Sumter 1, Tuscaloosa 2, Wilcox 1.

*California.*—One case cerebrospinal meningitis reported from Los Angeles City. Three cases poliomyelitis; one Los Angeles City and two Oxnard. Sixteen cases smallpox, 12 of which were reported from Oxnard where an outbreak occurred. Balance of smallpox scattered throughout the State. Twenty-seven cases typhoid fever, 16 of which in San Francisco Bay region; balance scattered throughout the State.

*Connecticut*.—Cerebrospinal meningitis: New Haven 1, Bridgeport 2. Poliomyelitis: Hartford 3, New Britain 2, Berlin 1. Typhoid fever: State total 38.

*Illinois*.—Diphtheria: Eighty-two, of which in Peoria 9, Chicago 52. Scarlet fever: Sixteen, of which in Chicago 9. Smallpox: Eighteen, of which in Orion Township (Fulton County) 6. Meningitis: One each in Jerseyville and Chicago. Poliomyelitis: Eighteen, of each in De Kalb, Gillespie, Perryton Township (Mercer County), Waterloo, O'Fallon, and Fairfield; Chicago 6, 3 each in Evanston and Kankakee.

*Iowa*.—Chaneroid: Cedar Rapids 2. Diphtheria: Davenport 2, Des Moines 4, Dubuque 1, Fort Dodge 1. Gonorrhea: Albia 1, Cedar Rapids 5, Clarion 2, Council Bluffs 3, Des Moines 14, Fort Dodge 2, Keokuk 2, Marion 2, Oskaloosa 3, Red Oak 2, Soldier 5. Measles: Audubon 1. Poliomyelitis: Dana 1, Dorchester 2, Dubuque 3, Oelwein 1. Scarlet fever: Davenport 1, Des Moines 4, Fort Dodge 1. Smallpox: Cedar Rapids 1, Council Bluffs 4, Des Moines 3, Postville 1, Tripoli 3. Syphilis: Cedar Rapids 1, Des Moines 4, Fort Dodge 1, Marion 1, Oakdale 2. Typhoid fever: Des Moines 2. Whooping cough: Dubuque 1. In rural districts of following counties—Diphtheria: Benton 1, Marshall 4, Webster 3. Gonorrhea: Benton 1. Poliomyelitis: Clayton 1.

*Kansas*.—Meningitis: By cities—Kansas City 1. Poliomyelitis: By cities—Kansas City 1, Pittsburg 1, Wamego 1. State totals: Scarlet fever 13, smallpox 8, typhoid fever 74.

Reported by mail for preceding week (ended August 17):

Cancer.....	3	Pneumonia.....	2
Cerebrospinal meningitis.....	4	Poliomyelitis.....	2
Chicken pox.....	1	Scarlet fever.....	5
Cholera infantum.....	1	Septic sore throat.....	2
Diphtheria.....	11	Smallpox.....	26
Duke's disease.....	1	Syphilis.....	10
Erysipelas.....	2	Tetanus.....	1
German measles.....	2	Trachoma.....	2
Gonococcus infection.....	47	Tuberculosis.....	73
Malaria.....	2	Typhoid fever.....	97
Measles.....	13	Whooping cough.....	32
Mumps.....	7		

*Louisiana*.—Meningitis 1, typhoid fever 70, diphtheria 33, smallpox 11.

*Massachusetts*.—Unusual prevalence. Whooping cough: Middleboro 10, Cambridge 42. Diphtheria: Wakefield 7, Braintree 3. Typhoid fever: Plymouth 3.

*Minnesota*.—Smallpox (new foci): Beltrami County, Bemidji city; Blue Earth County, Leroy Township; Crow Wing County, Brainerd city; Hennepin County, Hassan Township; Pine County, Belgrove



Township; Polk County, Farley Township; St. Louis County, Hibbing village; Stearns County, Paynesville village—each 1 case; Rice County, Faribault city 2 cases. Twenty-two cases poliomyelitis reported since August 19.

*New Jersey.*—Unusual prevalence. Typhoid fever: Elizabeth and North Hampton Township.

*New York.*—State outside of New York City: Eighty-eight diphtheria, including Buffalo 45. Typhoid fever: Sixty-nine, 11 of which in Watertown. Poliomyelitis and epidemic meningitis each 3 cases, scattered.

*Virginia.*—One case smallpox Newport News, 1 Hanover.

*Washington.*—Infantile paralysis: Island County 6.

### RECIPROCAL NOTIFICATION.

#### Minnesota.

*Cases of communicable diseases referred during July, 1918, to other State health departments by department of health of the State of Minnesota.*

Disease and locality of notification.	Referred to health authority of—	Why referred.
Smallpox: Holding Township, Stearns County.	Cassleton, Cass County, N. Dak. ....	Patient broke quarantine in Minnesota and went to North Dakota.
Tuberculosis: Mayo Clinic, Rochester, Olmsted County.	Chicago, Cook County, Ill. .... Springville, Lawrence County, Ind. .... Sioux City, Woodbury County, Iowa. .... Woodbine, Harrison County, Iowa. .... Mason City, Cerro Gordo County, Iowa. .... Dubuque, Dubuque County, Iowa. .... Stout, Grundy County, Iowa. .... Eskridge, Wabaunsee County, Kans. .... Shelbyville, Shelby County, Mo. .... Jesse, Griggs County, N. Dak. .... Akron, Plymouth County, Ohio. .... Wallace, Codington County, S. Dak. .... Big Spring, Howard County, Tex. .... Bellingham, Whatcom County, Wash. .... Sinsinawa, Grant County, Wis. .... Janesville, Rock County, Wis. .... Kilbourn, Columbia County, Wis. .... Green Bay, Brown County, Wis. .... Edmonton, Alberta, Canada. .... Lethbridge, Alberta, Canada. .... Laurier, Manitoba, Canada. .... Drinkwater, Saskatchewan, Canada. .... Niagara, Grand Forks County, N. Dak. .... Ashland, Ashland County, Wis. ....	1 apparently arrested. 1 apparently cured. 1 incipient. 9 moderately advanced. 4 advanced. 1 far advanced. 5 (stage of disease not given) cases left Mayo clinic for homes.
Pokegama Sanatorium, Pine County.	Stanley, Chippewa County, Wis. ....	1 improved and 1 unimproved case left Pokegama Sanatorium for homes.
Minneapolis, Hennepin County	Ashland, Ashland County, Wis. ....	2 open cases left Minnesota for Wisconsin.
Duluth, St. Louis County. ....	Tucson, Pima County, Ariz. ....	2 cases rejected for military service on account of tuberculosis.
Camp Kearny. ....		
Local Draft Board No. 10, Minneapolis.	Madison, R. No. 6, Dane County, Wis.	

## CEREBROSPINAL MENINGITIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.

	Cases.		Cases.
Fort Oglethorpe zone, Ga. and Tenn.....	2	Portsmouth-Kittery sanitary district, N. H. and Me.....	1

## State Reports for July, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>Indiana:</b>		<b>New York—Continued.</b>	
Jackson County.....	1	Oneida County—	
Lawrence County.....	1	Utica.....	1
Marion County.....	3	Schuyler County—	
Wabash County.....	1	Orange (town).....	1
Total.....	6	Suffolk County—	
		Babylon.....	1
<b>Iowa:</b>		Tioga County—	
Marshall County.....	1	Tioga (town).....	1
Pottawattamie County.....	1	New York City.....	30
Scott County.....	1	Total.....	40
Total.....	3		
<b>Kansas:</b>		<b>North Carolina:</b>	
Butler County—		Cabarrus County.....	1
Towanda.....	1	Duplin County.....	2
Crawford County—		Durham County.....	1
Pittsburg.....	1	Martin County.....	1
Phillips County—		Moore County.....	1
Glade.....	1	Rockingham County.....	1
Total.....	3	Wake County.....	1
		Total.....	8
<b>Louisiana:</b>		<b>Rhode Island:</b>	
Avoyelles Parish.....	1	Providence.....	4
Orleans Parish.....	2		
Rapides Parish.....	2	<b>South Carolina:</b>	
Total.....	5	Charleston County.....	2
		Florence County.....	1
<b>Minnesota:</b>		Newberry County.....	1
Stearns County—		Richland County.....	1
Wakefield Township.....	1	Total.....	5
Hennepin County—			
Minneapolis.....	2	<b>Washington:</b>	
Polk County—		King County—	
Roome Township.....	1	Seattle.....	1
St. Louis County—		Pierce County.....	2
Duluth.....	1	Tacoma.....	1
Pope County—		Total.....	4
Ben Wade Township.....	1		
Total.....	6	<b>West Virginia:</b>	
<b>New Jersey:</b>		Kanawha County.....	1
Atlantic County.....	1	Ohio County.....	1
Burlington County.....	6	Total.....	2
Cape May County.....	1		
Essex County.....	12	<b>Wisconsin:</b>	
Hudson County.....	1	Brown County.....	1
Mercer County.....	1	Burnett County.....	1
Passaic County.....	4	Columbia County.....	2
Total.....	26	Dane County.....	1
		Grant County.....	1
<b>New York:</b>		Milwaukee County.....	6
Cattaraugus County—		Racine County.....	1
South Dayton.....	1	Sauk County.....	1
Dutchess County—		Sawyer County.....	1
Pawling (town).....	1	Sheboygan County.....	1
Erle County—		Total.....	16
Buffalo.....	4		

**CEREBROSPINAL MENINGITIS—Continued.****City Reports for Week Ended Aug. 10, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....		1	Granite City, Ill.....	1	1
Baltimore, Md.....		1	Harrisburg, Pa.....	1	
Berkeley, Cal.....			Hartford, Conn.....	1	
Birmingham, Ala.....	1		Kansas City, Mo.....	1	
Boston, Mass.....	1	2	La Crosse, Wis.....	1	1
Brockton, Mass.....	1	1	Lorain, Ohio.....	1	
Buffalo, N. Y.....	1		Los Angeles, Cal.....	1	
Cambridge, Mass.....	1		New Orleans, La.....	1	1
Charleston, S. C.....	1		New York, N. Y.....	9	2
Chicago, Ill.....	2	1	Peoria, Ill.....	1	
Chillicothe, Ohio.....		1	Philadelphia, Pa.....	2	1
Cincinnati, Ohio.....	1	1	St. Louis, Mo.....	2	1
Cleveland, Ohio.....	1	1	San Diego, Cal.....	2	
Des Moines, Iowa.....		1	Springfield, Mass.....	1	
Detroit, Mich.....		1	Trenton, N. J.....	1	
Elmira, N. Y.....	1	1			

**CHANCROID.****Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.**

Cases.	Cases.
Camp Bowie zone, Tex..... 3	Camp Sheridan zone, Ala..... 10
Camp Greene zone, N. C..... 4	Camp Zachary Taylor zone, Ky..... 1
Camp Logan zone, Tex..... 2	Tidewater health district, Va..... 2
Camp Pike zone, Ark..... 4	
Portsmouth and Norfolk County health district, Va..... 3	

**DIARRHEA.****New Hampshire—Portsmouth and Vicinity.**

The presence of diarrhea was reported in Portsmouth and vicinity, N. H., where a number of cases had occurred up to the date of the report, August 23, 1918.

**DIPHTHERIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.**

Cases.	Cases.
Camp Bowie zone, Tex..... 3	Fort Oglethorpe zone, Ga. and Tenn..... 2
Camp Devens zone, Mass..... 1	Portsmouth and Norfolk County health district, Va..... 3
Camp Dodge zone, Iowa..... 4	Camp Sheridan zone, Ala..... 2
Camp Funston zone, Kans..... 1	Camp Sherman zone, Ohio..... 1
Camp Gordon zone, Ga..... 1	Camp Zachary Taylor zone, Ky..... 3
Gulfport health district, Miss..... 1	Tidewater health district, Va..... 2
Camp Joseph E. Johnston zone, Fla..... 1	Camp Wadsworth zone, S. C..... 1
Camp Logan zone, Tex..... 2	

See also Diphtheria, measles, scarlet fever and tuberculosis, page 1464.

**DYSENTERY.****Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.**

	Cases.		Cases.
Portsmouth and Norfolk County health district, Va.....	1	Portsmouth-Kittery sanitary district, N. H. and Me.....	1

**ERYSIPELAS.****City Reports for Week Ended Aug. 10, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	1	.....	Omaha, Nebr.....	.....	1
Buffalo, N. Y.....	1	1	Philadelphia, Pa.....	2	.....
Chicago, Ill.....	7	.....	Portland, Oreg.....	1	.....
Cincinnati, Ohio.....	1	.....	Rome, N. Y.....	1	.....
Cleveland, Ohio.....	2	.....	St. Louis, Mo.....	1	.....
Detroit, Mich.....	1	.....	St. Paul, Minn.....	1	.....
Los Angeles, Cal.....	1	1	San Francisco, Cal.....	2	1
Massillon, Ohio.....	2	.....	Santa Cruz, Cal.....	.....	1
Newark, N. J.....	5	.....	Troy, N. Y.....	.....	1

**GONORRHEA.****Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.**

	Cases.		Cases.
Camp Beauregard zone, La.....	1	Camp McClellan zone, Ala.....	10
Camp Bowie zone, Tex.....	241	Fort Oglethorpe zone, Ga. and Tenn.....	23
Bremerton zone, Wash.....	2	Camp Pike zone, Ark.....	33
Camp Dodge zone, Iowa.....	14	Portsmouth and Norfolk County health district, Va.....	37
Camp Doniphan zone, Okla.....	2	Portsmouth-Kittery sanitary district, N. H. and Me.....	14
Camp Eberts zone, Ark.....	4	Camp Shelby zone, Miss.....	5
Camp Gordon zone, Ga.....	19	Camp Sheridan zone, Ala.....	19
Camp Greene zone, N. C.....	16	Camp Sherman zone, Ohio.....	11
Gulfport health district, Miss.....	8	Camp Zachary Taylor zone, Ky.....	15
Camp Hancock zone, Ga.....	5	Tidewater health district, Va.....	19
Camp Joseph E. Johnston zone, Fla.....	40	Camp Travis zone, Tex.....	35
Fort Leavenworth zone, Kans.....	10	Camp Wadsworth zone, S. C.....	27
Camp Lee zone, Va.....	19	Camp Wheeler zone, Ga.....	6
Camp Logan zone, Tex.....	87		
Camp MacArthur zone, Tex.....	21		

**MALARIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.**

	Cases.		Cases.
Camp Beauregard zone, La.....	1	Portsmouth and Norfolk County health district, Va.....	6
Camp Bowie zone, Tex.....	3	Camp Shelby zone, Miss.....	3
Camp Eberts zone, Ark.....	41	Camp Sheridan zone, Ala.....	1
Gulfport health district, Miss.....	22	Camp Zachary Taylor zone, Ky.....	1
Camp Hancock zone, Ga.....	3	Tidewater health district, Va.....	1
Camp Joseph E. Johnston zone, Fla.....	11	Camp Wadsworth zone, S. C.....	5
Fort Oglethorpe zone, Ga. and Tenn.....	1	Camp Wheeler zone, Ga.....	6
Camp Pike zone, Ark.....	20		

## MALARIA—Continued.

## State Reports for July, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>Kansas:</b>		<b>Minnesota:</b>	
Butler County—		Fort Snelling.....	1
El Dorado.....	1		
Leavenworth County—		<b>New Jersey:</b>	
Leavenworth.....	2	Bergen County.....	3
Sedgwick County—		Burlington County.....	31
Wichita.....	1	Essex County.....	8
<b>Total.....</b>	<b>4</b>	Hudson County.....	4
		Middlesex County.....	1
<b>Louisiana:</b>		Somerset County.....	10
Acadia Parish.....	16	Sussex County.....	4
Allen Parish.....	5	Union County.....	2
Avoyelles Parish.....	1	<b>Total.....</b>	<b>63</b>
Calcasieu Parish.....	1		
Concordia Parish.....	4	<b>South Carolina:</b>	
East Feliciana Parish.....	2	Beaufort County.....	8
Iberia Parish.....	1	Chester County.....	10
Jefferson Davis Parish.....	2	Greenville County.....	1
Lafayette Parish.....	2	Marion County.....	11
Lafourche Parish.....	1	Orangeburg County.....	5
Ouachita Parish.....	15	Richland County.....	1
Rapides Parish.....	87	Spartanburg County.....	1
St. Charles Parish.....	5	Union County.....	2
St. Martin Parish.....	11	York County.....	7
St. Mary Parish.....	3	<b>Total.....</b>	<b>46</b>
St. Tammany Parish.....	15		
Tangipahoa Parish.....	5		
Tensas Parish.....	7		
Vermilion Parish.....	7		
Webster Parish.....	1		
<b>Total.....</b>	<b>191</b>		

## City Reports for Week Ended Aug. 10, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alexandria, La.....	9		Memphis, Tenn.....	2	
Atlanta, Ga.....	1	1	Mobile, Ala.....	1	
Augusta, Ga.....	6		Palestine, Tex.....	6	
Baltimore, Md.....	1	1	Petersburg, Va.....	2	
Birmingham, Ala.....	6	2	Philadelphia, Pa.....	1	1
Boston, Mass.....	1		Richmond, Va.....	1	
Cape Girardeau, Mo.....	6		Sacramento, Cal.....	1	
Charleston, S. C.....		2	San Francisco, Cal.....	2	
Greenville, Tex.....	2		Spartanburg, S. C.....	4	
Hattiesburg, Miss.....	2		Tuscaloosa, Ala.....	5	
Little Rock, Ark.....	17				

## MEASLES.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.

Cases.	Cases.
Bremerton zone, Wash.....	2
Camp Lee zone, Va.....	1
Camp Pike zone, Ark.....	1
Portsmouth-Kittery sanitary district, N. H. and Me.....	4
Camp Zachary Taylor zone, Ky.....	2
Vancouver zone, Wash.....	1
Camp Wadsworth zone, S. C.....	1

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1464.

## PELLAGRA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.

Cases.	Cases.
Camp Pike zone, Ark.....	1
Tidewater health district, Va.....	1
Camp Wheeler zone, Ga.....	1



## PELLAGRA—Continued.

## State Reports for July, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>Kansas:</b>		<b>Louisiana—Continued.</b>	
Labette County—		Richland Parish.....	6
Parsons.....	1	St. Mary Parish.....	1
Montgomery County—		Tensas Parish.....	1
Independence.....	1	Total.....	29
Reno County—		<b>South Carolina:</b>	
Hutchinson.....	2	Chester County.....	4
Sedgwick County—		Laurens County.....	1
Wichita.....	1	Marion County.....	6
Total.....	5	Newberry County.....	7
<b>Louisiana:</b>		Orangeburg County.....	1
Avozelles Parish.....	1	Pickens County.....	1
Beauford Parish.....	1	Richland County.....	1
Chalbourne Parish.....	1	Spartanburg County.....	10
De Soto Parish.....	3	Union County.....	1
East Baton Rouge Parish.....	1	York County.....	5
Jackson Parish.....	1	Total.....	37
La Salle Parish.....	5	<b>West Virginia:</b>	
Orleans Parish.....	6	Monongalia County.....	1
Ouachita Parish.....	1		
Rapides Parish.....	1		

## City Reports for Week Ended Aug. 10, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....		3	Los Angeles, Cal.....	1	
Augusta, Ga.....		4	Lynchburg, Va.....		1
Birmingham, Ala.....	2	3	Memphis, Tenn.....		1
Charleston, S. C.....		4	Mobile, Ala.....		2
Charlotte, N. C.....		2	Montgomery, Ala.....		1
Colorado Springs, Colo.....		1	Nashville, Tenn.....	2	
Corsicana, Tex.....		1	New Orleans, La.....		2
Durham, N. C.....		2	Richmond, Va.....	1	
Greensboro, N. C.....		2	San Diego, Cal.....	1	
Houston, Tex.....	1	3	Washington, D. C.....	1	2
Little Rock, Ark.....		2	Winston-Salem, N. C.....	1	1

## PNEUMONIA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.

	Cases.		Cases.
Camp Gordon zone, Ga.....	1	Camp Pike zone, Ark.....	1
Gulfport health district, Miss.....	1	Camp Zachary Taylor zone, Ky.....	1

## City Reports for Week Ended Aug. 10, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlantic City, N. J.....	1		Lackawanna, N. Y.....	5	
Baltimore, Md.....	4	3	Los Angeles, Cal.....	3	3
Binghamton, N. Y.....	1		Louisville, Ky.....	1	
Boston, Mass.....	2	5	Lynn, Mass.....	1	1
Bristol, Conn.....	1		Manchester, Conn.....	1	1
Brockton, Mass.....	1		Michigan City, Ind.....	1	1
Burlington, Vt.....	1	1	Newark, N. J.....	12	2
Chicago, Ill.....	13	19	Oak Park, Ill.....	1	
Cleveland, Ohio.....	3	8	Philadelphia, Pa.....	14	13
Cumberland, Md.....	1		Saginaw, Mich.....	1	
Elmira, N. Y.....	1	1	San Diego, Cal.....	2	
Evansville, Ind.....	1	1	San Francisco, Cal.....	9	2
Fall River, Mass.....	1		Schenectady, N. Y.....	2	
Fort Worth, Tex.....	1	1	Somerville, Mass.....	1	1
Greenville, Tex.....	2		Springfield, Mass.....	1	
Jackson, Mich.....	2		Tacoma, Wash.....	2	

## POLIOMYELITIS (INFANTILE PARALYSIS).

## State Reports for July, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>Indiana:</b>		<b>New Jersey:</b>	
Gibson County.....	1	Essex County.....	3
Howard County.....	1	<b>New York:</b>	
LaGrange County.....	1	Delaware County—	
Lake County.....	2	Masonville (town).....	1
Lawrence County.....	3	Eric County—	
Marion County.....	1	Buffalo.....	1
Spencer County.....	1	Hamilton County—	
Vigo County.....	1	Lake Pleasant (town).....	1
<b>Total.....</b>	<b>11</b>	Nassau County—	
<b>Iowa:</b>		Oyster Bay (town).....	1
Dubuque County.....	72	Orange County—	
Fayette County.....	1	Crawford (town).....	1
Jackson County.....	1	St. Lawrence County—	
Taylor County.....	1	Depeyster (town).....	4
<b>Total.....</b>	<b>75</b>	Ulster County—	
<b>Kansas:</b>		Esopus (town).....	1
Osborne County—		Westchester County—	
Downs.....	1	Hastings-on-Hudson.....	1
Saline County—		Mamaroneck.....	1
Salina.....	1	New York City.....	26
Wyandotte County—		<b>Total.....</b>	<b>38</b>
Kansas City.....	1	<b>North Carolina:</b>	
<b>Total.....</b>	<b>3</b>	Northampton County.....	1
<b>Louisiana:</b>		Roberson County.....	1
Lafayette Parish.....	1	Surry County.....	1
Orleans Parish.....	2	Warren County.....	1
St. Mary Parish.....	1	<b>Total.....</b>	<b>4</b>
Vermilion Parish.....	1	<b>North Dakota:</b>	
<b>Total.....</b>	<b>5</b>	Oliver County.....	3
<b>Michigan:</b>		Mercer County.....	4
Ingham County—		<b>Total.....</b>	<b>7</b>
Lansing.....	1	<b>South Carolina:</b>	
Kalamazoo County—		Greenville County.....	1
Kalamazoo.....	1	<b>Oregon:</b>	
Kent County—		Portland.....	1
Grand Rapids.....	2	<b>West Virginia:</b>	
Mason County—		Cabell County.....	5
Ludington.....	1	Fayette County.....	1
Scottville.....	1	Hancock County.....	2
Ogemaw County—		Kanawha County.....	1
West Branch Township.....	1	Mason County.....	1
Shiawassee County—		<b>Total.....</b>	<b>10</b>
Owosso.....	2	<b>Wisconsin:</b>	
Tuscola County—		Barron County.....	5
Fairgrove.....	1	Chippewa County.....	2
Wayne County—		Columbia County.....	1
Detroit.....	2	Dane County.....	1
<b>Total.....</b>	<b>12</b>	Dodge County.....	2
<b>Minnesota:</b>		Forest County.....	1
Fillmore County—		Grant County.....	9
Canton Township.....	1	Jefferson County.....	1
Harmony Township.....	1	La Fayette County.....	4
Preble Township.....	1	Lincoln County.....	1
Hennepin County—		Manitowoc County.....	1
Minneapolis.....	1	Price County.....	2
Houston County—		Rock County.....	2
Spring Grove.....	3	Sauk County.....	1
Renville County—		Sheboygan County.....	1
Camp Township.....	1	Vernon County.....	1
Todd County—		Waukesha County.....	5
Bruce Township.....	1	Wood County.....	1
<b>Total.....</b>	<b>9</b>	<b>Total.....</b>	<b>41</b>
<b>Nebraska:</b>			
Sioux County.....	1		

**POLIOMYELITIS (INFANTILE PARALYSIS)**—Continued.**City Reports for Week Ended Aug. 10, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.....	1	.....	Jamestown, N. Y.....	1	.....
Benton Harbor, Mich.....	1	.....	Kenosha, Wis.....	1	1
Birmingham, Ala.....	1	.....	Lansing, Mich.....	2	.....
Chicago, Ill.....	5	1	Louisville, Ky.....	1	.....
Cincinnati, Ohio.....	7	1	Marinette, Wis.....	1	1
Cleveland, Ohio.....	4	1	McKeesport, Pa.....	1	.....
Columbus, Ohio.....	1	1	Milwaukee, Wis.....	1	.....
Corsicana, Tex.....	1	.....	New Bedford, Mass.....	1	.....
Dedham, Mass.....	1	1	New Orleans, La.....	1	.....
Detroit, Mich.....	2	1	New York, N. Y.....	4	2
Dubuque, Iowa.....	5	.....	Pittsburgh, Pa.....	3	.....
Evansville, Ind.....	1	.....	St. Louis, Mo.....	2	1
Hartford, Conn.....	2	.....	San Francisco, Cal.....	1	.....
Holyoke, Mass.....	2	.....	Springfield, Mass.....	1	.....
Indianapolis, Ind.....	1	.....	Terre Haute, Ind.....	1	1

**RABIES IN ANIMALS.****City Reports for Week Ended Aug. 10, 1918.**

Place.	Cases.	Place.	Cases.
Akron, Ohio.....	1	Long Beach, Cal.....	1
Kansas City, Mo.....	1	Rochester, N. Y.....	1

**RABIES IN MAN.****City Reports for Week Ended Aug. 10, 1918.**

During the week ended August 10, 1918, there were reported three cases of rabies and three deaths from the same disease at Los Angeles, Cal., and one case at Oakland, Cal.

**SCARLET FEVER.****Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.**

Cases.	Cases.
Camp Dodge zone, Iowa..... 4	Portsmouth and Norfolk County health district, Va..... 1
Camp Gordon zone, Ga..... 4	Portsmouth-Kittery sanitary district, N. H. and Me..... 1
Camp Lee zone, Va..... 1	Camp Sheridan zone, Ala..... 1
Camp McClellan zone, Ala..... 1	
Fort Oglethorpe zone, Ga. and Tenn..... 5	

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1464.

**SMALLPOX.****Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.**

Cases.	Cases.
Camp Bowie zone, Tex..... 2	Camp Sheridan zone, Ala..... 1
Camp Dodge zone, Iowa..... 3	Camp Zachary Taylor zone, Ky..... 1
Camp Gordon zone, Ga..... 2	Tidewater health district, Va..... 2
Camp Lee zone, Va..... 1	

**Maryland—St. Ann's Asylum.**

On August 23, 1918, 5 cases of smallpox were reported at St. Ann's Asylum, Prince Georges County, Md.

## SMALLPOX—Continued.

## State Reports for July, 1918—Vaccination Histories.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Kansas:</b>						
Allen County—					4	
Iola.....	4					
Anderson County—					3	
Garnett.....	3					
Bourbon County—					1	
Fort Scott.....	1					
Butler County—					1	
Augusta.....	1					
El Dorado.....	3				3	
Towanda.....	1				1	
Cherokee County—					1	
Baxter Springs.....	1					
Scammon.....	2				2	
Comanche County—					2	
Wilmore.....	2					
Cowley County—					1	
Arkansas City.....	1					
Crawford County—					1	
Pittsburg.....	1					
Decatur County—					1	
Norcatur.....	1					
Doniphan County—					2	
Elwood.....	2					
Edwards County—					2	
Belpre.....	2					
Lewis.....	1				1	
Gray County—					1	
Copeland.....	1					
Greenwood County—					2	
Eureka.....	2					
Harvey County—					1	
Goessel.....	1					
Johnson County—					1	
Gardner.....	1					
Kearny County—					7	
Lakin.....	7					
Kingman County—					4	
Nashville.....	4					
Labette County—					1	
Parsons.....	1					
Leavenworth County—					1	
Lansing.....	1					
Leavenworth.....	1				1	
Linn County—					2	
Parker.....	2					
Pleasanton.....	2				2	
Marion County—					1	
Marion.....	1					
Marshall County—					4	
Oketo.....	4					
McPherson County—					2	1
Moundridge.....	3					
Mitchell County—					1	
Beloit.....	1					
Hunter.....	2				2	
Montgomery County—					2	
Cherryvale.....	2					
Coffeyville.....	9				9	
Neosho County—					3	
Chanute.....	3					
Osborne County—					1	
Natoma.....	1					
Reno County—				1	2	
Hutchinson.....	3					
Republic County—					1	
Belleville.....	1					
Rooks County—					1	
Palco.....	1					
Sedgwick County—					1	
Anness.....	1					
Wichita.....	22				22	

## SMALLPOX—Continued.

## State Reports for July, 1918—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
Kansas—Continued.						
Seward County—						
Liberal.....	1				1	
Shawnee County—						
Topeka.....	4				4	
Smith County—						
Athol.....	2				2	
Smith Center.....	1				1	
Stafford County—						
Radium.....	1				1	
St. John.....	1				1	
Stevens County—						
Hugoton.....	1				1	
Wilson County—						
Fredonia.....	1				1	
Wyandotte County—						
Kansas City.....	1				1	
Total.....	116			1	114	1
Michigan:						
Alpena County—						
Green Township.....	12				12	
Bay County—						
Bay City.....	1				1	
Calhoun County—						
Albion.....	3				3	
Cass County—						
Marcellus.....	2				2	
Charlevoix County—						
Boyer Falls.....	3			3		
Cheboygan County—						
Cheboygan.....	1					1
Clinton County—						
St. Johns.....	5				5	
Dickinson County—						
Norway.....	6				6	
Eaton County—						
Charlotte.....	2			1	1	
Genesee County—						
Flint.....	4				4	
Hillsdale County—						
Pittsford Township.....	1					1
Huron County—						
Collac Township.....	2					2
Sand Beach Township.....	1				1	
Ingham County—						
Aurelius Township.....	1				1	
East Lansing.....	5				5	
Lansing.....	14				2	12
Leslie Township.....	1				1	
Mason.....	1					1
Vevay Township.....	1					1
Jackson County—						
Parma Township.....	1				1	
Kalamazoo County—						
Comstock Township.....	1				1	
Kalamazoo.....	2				1	1
Richland Township.....	1				1	
Schoolcraft.....	1					1
Kent County—						
Grand Rapids.....	1				1	
Mason County—						
Ludington.....	1				1	
Mecosta County—						
Sheridan Township.....	3				2	1
Menominee County—						
Menominee.....	11				11	
Montcalm County—						
Pierston Township.....	1					1
Muskegon County—						
Muskegon.....	1				1	
Muskegon Heights.....	2				2	



## SMALLPOX—Continued.

## State Reports for July, 1918—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Michigan—Continued.</b>						
Oakland County—						
Milford.....	1			1		
Pontiac.....	5				5	
Ogemaw County—						
Richland Township.....	1				1	
Ottawa County—						
Spring Lake Township....	2				2	
Sanilac County—						
Applegate.....	1				1	
Shiawassee County—						
Owosso.....	1				1	
Shiawassee Township.....	1				1	
Woodhull Township.....	1				1	
Wayne County—						
Detroit.....	11				5	6
Total.....	116			5	83	28
<b>Minnesota:</b>						
Anoka County—						
Columbia Heights.....	1				1	
Beltrami County—						
Blackduck Township.....	1				1	
Cass County—						
May Township.....	8				8	
Chicago County—						
Chicago Lake Township....	1				1	
Clay County—						
Moorhead.....	1					1
Goodhue County—						
Goodhue.....	2				2	
Kenyon.....	4				4	
Cherry Grove Township...	19				19	
Hennepin County—						
Golden Valley.....	1				1	
Minneapolis.....	19	1	1	4	9	5
Koochiching County—						
International Falls.....	1				1	
Marshall County—						
Warren.....	1				1	
Boxville Township.....	1				1	
McCrea Township.....	2				2	
Warrenton Township.....	1				1	
Mower County—						
Austin.....	4				4	
Pine County—						
Dell Grove Township.....	3			1	2	
Polk County—						
Angus Township.....	1				1	
Ramsey County—						
St. Paul.....	6			1	5	
Rice County—						
Faribault.....	3			2	1	
Northfield.....	1			1		
Rock County—						
Luverne.....	4				4	
St. Louis County—						
Duluth.....	4			3	1	
Hibbing.....	1				1	
Shertburne County—						
Big Lake Township.....	1				1	
Stearns County—						
Paynesville.....	8				8	
Sartell.....	1				1	
Getty Township.....	1				1	
Holding Township.....	1				1	
Stevens County—						
Hancock.....	1				1	
Wilkin County—						
Campbell.....	3					3
Wright County—						
Frankfort Township.....	1				1	
Total.....	107	1	1	12	85	9

## SMALLPOX—Continued.

## State Reports for July, 1918—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>New York:</b>						
Broome County—						
Binghamton.....	1					1
Chautauqua County—						
Jamestown.....	3			1	2	
Erie County—						
Buffalo.....	4					4
Cheektowaga (town).....	6				6	
Lancaster.....	2				2	
Sardinia (town).....	1				1	
Oneida County—						
Verona (town).....	7				7	
Westchester County—						
Mount Vernon.....	7					7
Wyoming County—						
Arcade.....	1			1		
New York City.....	1			1		
Total.....	33			3	18	12
<b>Wisconsin:</b>						
Ashland County.....	1			1		
Barron County.....	2					2
Bayfield County.....	8			1	7	
Brown County.....	2				2	
Columbia County.....	1		1			
Dane County.....	8		5			3
Dodge County.....	2			1		2
Door County.....	1			1		
Douglas County.....	14			2	12	
Eau Claire County.....	1				1	
Fond du Lac County.....	6				6	
Grant County.....	3		3			
Kewaunee County.....	4				4	
La Crosse County.....	4				4	
Manitowoc County.....	3				3	
Marinette County.....	1				1	
Milwaukee County.....	18					18
Monroe County.....	1				1	
Oconto County.....	10		1			9
Pierce County.....	9		9			
Price County.....	2				2	
Racine County.....	2		2			
Richland County.....	1				1	
Rock County.....	1				1	
Vilas County.....	1			1		
Waupaca County.....	5				2	3
Winnebago County.....	2		2		2	
Wood County.....	46		1	3	42	
Total.....	159		22	9	91	37

## State Reports for July, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Indiana:</b>			<b>Indiana—Continued.</b>		
Allen County.....	2		Hancock County.....	1	
Benton County.....	7		Henry County.....	6	
Blackford County.....	1		Howard County.....	6	
Boone County.....	1		Jackson County.....	2	
Cass County.....	3		Lagrange County.....	18	
Clay County.....	10		Lawrence County.....	12	
Elkhart County.....	6		Madison County.....	9	
Gibson County.....	7		Marion County.....	33	
Grant County.....	3		Miami County.....	1	

## SMALLPOX—Continued.

## State Reports for July, 1918—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Indiana—Continued.</b>			<b>New Jersey:</b>		
Monroe County.....	1	.....	Gloucester County.....	7	.....
Montgomery County.....	2	.....	<b>North Carolina:</b>		
Morgan County.....	4	.....	Cabarrus County.....	2	.....
Noble County.....	3	.....	Chowan County.....	6	.....
Posey County.....	3	.....	Davidson County.....	3	.....
Putnam County.....	2	.....	Durham County.....	1	.....
Rush County.....	3	.....	Guilford County.....	1	.....
St. Joseph County.....	1	.....	Haywood County.....	6	.....
Tippecanoe County.....	1	.....	Henderson County.....	6	.....
Vanderburg County.....	2	.....	Hertford County.....	1	.....
Warren County.....	3	.....	Lenoir County.....	1	.....
Wayne County.....	3	.....	Madison County.....	11	.....
Total.....	156	.....	Montgomery County.....	1	.....
<b>Iowa:</b>			Moore County.....	4	.....
Adair County.....	2	.....	Randolph County.....	1	.....
Allamakee County.....	3	.....	Richmond County.....	1	.....
Boone County.....	8	.....	Robeson County.....	8	.....
Buena Vista County.....	1	.....	Rockingham County.....	8	.....
Cerro Gordo County.....	1	.....	Rowan County.....	2	.....
Clayton County.....	1	.....	Rutherford County.....	11	.....
Des Moines County.....	1	.....	Swain County.....	8	.....
Dubuque County.....	40	1	Transylvania County.....	3	.....
Emmet County.....	1	.....	Wake County.....	1	.....
Fayette County.....	1	.....	Wayne County.....	2	.....
Grundy County.....	1	.....	Total.....	88	.....
Hardin County.....	1	.....	<b>North Dakota:</b>		
Johnson County.....	6	.....	Barnes County.....	1	.....
Linn County.....	6	.....	Burleigh County.....	1	.....
Marion County.....	1	.....	Cass County.....	1	.....
Monona County.....	1	.....	Eddy County.....	1	.....
Osceola County.....	1	.....	Mountain County.....	1	.....
Polk County.....	16	.....	Ramsey County.....	4	.....
Pottawattamie County.....	8	.....	Ransom County.....	2	.....
Poweshiek County.....	1	.....	Total.....	11	.....
Scott County.....	1	.....	<b>Oregon:</b>		
Shelby County.....	2	.....	Columbia County.....	1	.....
Wapello County.....	14	.....	Hood River County.....	1	.....
Webster County.....	1	.....	Jackson County.....	8	.....
Woodbury County.....	2	.....	Marion County.....	3	.....
Total.....	121	1	Umatilla County.....	18	.....
<b>Louisiana:</b>			Wasco County.....	1	.....
Acadia Parish.....	1	.....	Yamhill County.....	1	.....
Allen Parish.....	7	.....	Portland.....	18	.....
Caddo Parish.....	3	.....	Total.....	51	.....
Evangeline Parish.....	1	.....	<b>Rhode Island:</b>		
Iberville Parish.....	4	.....	Westerly (town).....	1	.....
Lafourche Parish.....	2	.....	<b>South Carolina:</b>		
Rapides Parish.....	1	.....	Greenville County.....	7	.....
Sabine Parish.....	1	.....	Orangeburg County.....	1	.....
Union Parish.....	3	.....	Spartanburg County.....	2	.....
Vermillion Parish.....	1	.....	Total.....	10	.....
West Baton Rouge Parish.....	1	.....	<b>South Dakota:</b>		
Total.....	25	.....	Charles Mix County.....	9	.....
<b>Nebraska:</b>			Cedington County.....	4	.....
Adams County.....	2	.....	Day County.....	2	.....
Box Butte County.....	2	.....	Edmunds County.....	1	.....
Cheyenne County.....	1	.....	Grant County.....	1	.....
Colfax County.....	1	.....	Hamlin County.....	1	.....
Custer County.....	4	.....	Hughes County.....	4	.....
Dodge County.....	1	.....	Kingsbury County.....	2	.....
Douglas County.....	50	.....	McCook County.....	4	.....
Gage County.....	1	.....	Miner County.....	17	.....
Hall County.....	9	.....	Minnehaha County.....	1	.....
Keith County.....	5	.....	Total.....	46	.....
Lancaster County.....	31	.....	<b>Washington:</b>		
Nuckolls County.....	1	.....	Douglas County—		
Perkins County.....	1	.....	Mansfield.....	1	.....
Platt County.....	13	.....	Grays Harbor County—		
Polk County.....	3	.....	Aberdeen.....	1	.....
Saunders County.....	2	.....			
Seward County.....	4	.....			
Sheridan County.....	6	.....			
Thurston County.....	2	.....			
Total.....	139	.....			

## SMALLPOX—Continued.

## State Reports for July, 1918—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Washington—Continued.			Washington—Contd.		
Jefferson County—			Whitman County—Con.		
Port Townsend.....	8	.....	Farmington.....	8	.....
King County—			Garfield.....	5	.....
Seattle.....	40	.....	Yakima County.....	1	.....
Kitsap County.....	2	.....	Total.....	135	.....
Port Orchard.....	1	.....			
Lincoln County.....	2	.....	West Virginia:		
Sprague.....	2	.....	Hampshire County.....	4	.....
Okanogan County.....	2	.....	Hancock County.....	3	.....
Pacific County.....			Harrison County.....	1	.....
South Bend.....	1	.....	Kanawha County.....	8	.....
Raymond.....	7	.....	McDowell County.....	4	.....
Pierce County—			Mingo County.....	1	.....
Tacoma.....	14	.....	Nicholas County.....	1	.....
Spokane County.....	2	.....	Wood County.....	11	.....
Spokane.....	24	.....	Total.....	33	.....
Stevens County.....	1	.....			
Marcus.....	1	.....	Wyoming:		
Thurston County.....	1	.....	Albany County.....	2	.....
Walla Walla County.....	4	.....	Johnson County.....	1	.....
Prescott.....	2	.....	Natrona County.....	3	.....
Walla Walla.....	3	.....	Campbell County.....	2	.....
Whateam County—			Goshen County.....	3	.....
Bellingham.....	1	.....	Total.....	11	.....
Whitman County—					
Colton.....	1	.....			

## City Reports for Week Ended Aug. 10, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....	2	.....	Lorain, Ohio.....	2	.....
Billings, Mont.....	1	.....	Louisville, Ky.....	2	.....
Birmingham, Ala.....	3	.....	Manitowoc, Wis.....	1	.....
Brazil, Ind.....	1	.....	Michigan City, Ind.....	1	.....
Canton, Ill.....	11	.....	Minneapolis, Minn.....	9	.....
Chanute, Kans.....	1	.....	Missoula, Mont.....		1
Cincinnati, Ohio.....	2	.....	Moline, Ill.....	1	.....
Clinton, Iowa.....	1	.....	Ogden, Utah.....	2	.....
Denver, Colo.....	4	.....	Oklahoma City, Okla.....	2	.....
Des Moines, Iowa.....	3	.....	Omaha, Nebr.....	2	.....
Detroit, Mich.....	7	.....	Parkersburg, W. Va.....	1	.....
Dubuque, Iowa.....	1	.....	Pittsburgh, Pa.....	4	.....
Elgin, Ill.....	1	.....	Pontiac, Mich.....	1	.....
Fargo, N. Dak.....	1	.....	Portland, Oreg.....	1	.....
Fort Scott, Kans.....	2	.....	St. Joseph, Mo.....	3	.....
Fort Worth, Tex.....	2	.....	St. Louis, Mo.....	2	.....
Indianapolis, Ind.....	3	.....	St. Paul, Minn.....	1	.....
Jamestown, N. Y.....	1	.....	Salt Lake City, Utah.....	12	.....
Kalamazoo, Mich.....	2	.....	Sheboygan, Wis.....	1	.....
Kansas City, Kans.....	2	.....	Spokane, Wash.....	1	.....
Kansas City, Mo.....	1	.....	Toledo, Ohio.....	6	.....
La Crosse, Wis.....	1	.....	Tuscaloosa, Ala.....	1	.....
Lansing, Mich.....	10	.....	Washington, D. C.....	1	.....
Lincoln, Nebr.....	2	.....	Wichita, Kans.....	3	.....

## SYPHILIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.

Cases.	Cases.
Camp Bowie zone, Tex.....	94
Bremerton zone, Wash.....	2
Camp Dodge zone, Iowa.....	4
Camp Eberts zone, Ark.....	1
Camp Gordon zone, Ga.....	36
Camp Greene zone, N. C.....	18
Gulfport health district, Miss.....	1
Camp Hancock zone, Ga.....	19
Camp Joseph E. Johnston zone, Fla.....	46
Camp Lee zone, Va.....	21
Camp Logan zone, Tex.....	19
Camp MacArthur zone, Tex.....	15
Camp McClellan zone, Ala.....	3
Fort Oglethorpe zone, Ga. and Tenn.....	9
Camp Pike zone, Ark.....	11
Portsmouth and Norfolk County health district, Va.....	4
Portsmouth-Kittery sanitary district, N. H. and Me.....	2
Camp Sheridan zone, Ala.....	13
Camp Sherman zone, Ohio.....	2
Camp Zachary Taylor zone, Ky.....	19
Tidewater health district, Va.....	8
Camp Travis zone, Tex.....	38
Camp Wheeler zone, Ga.....	4

## TETANUS.

## City Reports for Week Ended Aug. 10, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Chicago, Ill.....		1	Toledo, Ohio.....		1
San Francisco, Cal.....	1		Topeka, Kans.....	1	

## TUBERCULOSIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.

Cases.	Cases.
Camp Eberts zone, Ark.....	1
Camp Gordon zone, Ga.....	5
Gulfport health district, Miss.....	1
Camp Hancock zone, Ga.....	6
Camp Logan zone, Tex.....	7
Camp MacArthur zone, Tex.....	1
Fort Oglethorpe zone, Ga. and Tenn.....	2
Camp Pike zone, Ark.....	8
Portsmouth and Norfolk County health district, Va.....	3
Portsmouth-Kittery sanitary district, N. H. and Me.....	1
Camp Shelby zone, Miss.....	2
Camp Sheridan zone, Ala.....	3
Camp Zachary Taylor zone, Ky.....	14
Tidewater health district, Va.....	8
Camp Travis zone, Tex.....	4
Camp Upton zone, N. Y.....	1
Camp Wadsworth zone, S. C.....	1
Camp Wheeler zone, Ga.....	2

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1464.

## TYPHOID FEVER.

## Cases Reported in Extra-Cantonment Zones, Week Ended Aug. 24, 1918.

Cases.	Cases.
Camp Beauregard zone, La.....	7
Camp Bowie zone, Tex.....	6
Camp Dix zone, N. J.....	1
Camp Dodge zone, Iowa.....	2
Camp Eberts zone, Ark.....	3
Camp Gordon zone, Ga.....	5
Camp Greene zone, N. C.....	7
Gulfport health district, Miss.....	2
Camp Joseph E. Johnston zone, Fla.....	10
Fort Leavenworth zone, Kans.....	2
Camp Lee zone, Va.....	13
Camp Logan zone, Tex.....	3
Camp McClellan zone, Ala.....	1
Fort Oglethorpe zone, Ga. and Tenn.....	6
Portsmouth and Norfolk County health district, Va.....	7
Portsmouth-Kittery sanitary district, N. H. and Me.....	1
Camp Sevier zone, S. C.....	5
Camp Shelby zone, Miss.....	3
Camp Sheridan zone, Ala.....	8
Camp Zachary Taylor zone, Ky.....	15
Tidewater health district, Va.....	7
Camp Travis zone, Tex.....	12
Camp Upton zone, N. Y.....	1
Vancouver zone, Wash.....	1
Camp Wadsworth zone, S. C.....	7
Camp Wheeler zone, Ga.....	4

## State Reports for July, 1918.

Place.	New cases reported.	Place.	New cases reported.
Indiana:		Indiana—Continued.	
Allen County.....	4	Jennings County.....	1
Clinton County.....	1	Kosciusko County.....	2
Daviess County.....	1	Lagrange County.....	1
Decatur County.....	2	Lake County.....	6
Dubois County.....	4	Lawrence County.....	3
Elkhart County.....	1	Madison County.....	2
Fountain County.....	2	Marion County.....	12
Gibson County.....	3	Monroe County.....	3
Grant County.....	1	Montgomery County.....	1
Greene County.....	3	Ohio County.....	1
Hancock County.....	1	Pike County.....	1
Harrison County.....	1	Posey County.....	1
Hendricks County.....	1	Randolph County.....	1
Howard County.....	2	Scott County.....	1
Jackson County.....	1	Spencer County.....	1
Jefferson County.....	2	Steuken County.....	3

## TYPHOID FEVER—Continued.

## State reports for July, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>Indiana—Continued.</b>		<b>Kansas—Continued.</b>	
St. Joseph County.....	2	Greenwood County—	
Switzerland County.....	1	Eureka.....	1
Tippecanoe County.....	2	Fall River.....	1
Vermilion County.....	6	Hamilton.....	1
Warrick County.....	1	Harper County—	
Wayne County.....	1	Harper.....	1
Whitley County.....	1	Jackson County—	
Total.....	84	Mayetta.....	1
<b>Kansas:</b>		Jefferson County—	
Allen County—		Meriden.....	1
Iola.....	1	Jefferson County—	
La Harpe.....	2	Burr Oak.....	1
Anderson County—		Esbon.....	1
Colony.....	1	Kingman County—	
Garnett.....	2	Kingman.....	5
Haskell.....	1	Kiowa County—	
Westphalia.....	1	Wellford.....	1
Atchison County—		Labette County—	
Atchison.....	1	Chetopa.....	1
Horton.....	2	Parsons.....	1
Barton County—		Leavenworth County—	
Holsington.....	1	Leavenworth.....	1
Bourbon County—		Potter.....	2
Fort Scott.....	2	Lyon County—	
Brown County—		Emporia.....	5
Everest.....	2	Olpe.....	1
Horton.....	11	Marion County—	
Butler County—		Antelope.....	1
Andover.....	1	Peabody.....	1
Augusta.....	2	Marshall County—	
Douglass.....	1	Marysville.....	3
Eldorado.....	18	McPherson County—	
Oil Hill.....	1	Canton.....	1
Toxanda.....	1	Miami County—	
Chatauqua County—		Fontana.....	1
Sedan.....	1	Osawatimie.....	1
Cherokee County—		Paola.....	3
Columbus.....	2	Montgomery County—	
Clark County—		Coffeyville.....	9
Enclewood.....	1	Dearing.....	1
Cloud County—		Independence.....	5
Concordia.....	2	Liberty.....	1
Milford.....	2	Tyro.....	1
Coffey County—		Morton County—	
Le Roy.....	1	Elkhart.....	3
Comanche County—		Nemaha County—	
Protection.....	9	Bern.....	1
Wilmore.....	1	Centralia.....	1
Cowley County—		Neosho County—	
Arkansas City.....	1	St. Paul.....	8
Winfield.....	9	Norton County—	
Crawford County—		Edmond.....	1
Arma.....	1	Ottawa County—	
Franklin.....	10	Tescott.....	1
Girard.....	15	Pawnee County—	
Pittsburg.....	6	Larned.....	2
Ringo.....	1	Macksville.....	2
Doniphan County—		Pratt County—	
Elwood.....	1	Pratt.....	2
Severance.....	1	Preston.....	6
Troy.....	2	Reno County—	
Douglas County—		Hutchinson.....	5
Baldwin.....	1	Republic County—	
Lawrence.....	3	Republic.....	1
Elk County—		Rice County—	
Howard.....	2	Little River.....	2
Ellis County—		Sterling.....	1
Ellis.....	2	Riley County—	
Hayes.....	2	Manhattan.....	1
Finney County—		Rooks County—	
Garden City.....	3	Webster.....	1
Holcomb.....	1	Rush County—	
Ford County—		La Crosse.....	1
Dodge City.....	2	Russell County—	
Minneola.....	2	Lucas.....	2
Franklin County—		Sedgwick County—	
Ottawa.....	7	Andale.....	2
		Mount Hope.....	7
		Wichita.....	19



## TYPHOID FEVER—Continued.

## State Reports for July, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>Kansas—Continued.</b>		<b>Michigan—Continued.</b>	
Seward County—		Calhoun County—	
Liberal.....	2	Albion.....	1
Shawnee County—		Chippewa County—	
Topeka.....	15	Sault Ste. Marie.....	1
Sherman County—		Clare County—	
Goodland.....	1	Clare.....	1
Sumner County—		Delta County—	
Argonia.....	1	Maple Ridge Township.....	1
Caldwell.....	3	Eaton County—	
Mulvane.....	1	Delta Township.....	1
Riverdale.....	1	Genesee County—	
Wallace County—		Flint.....	1
Arapahoe, Colo.....	1	Grand Blanc Township.....	1
Washington County—		Grand Traverse County—	
Hollenberg.....	3	Traverse.....	1
Linn.....	1	Gratiot County—	
Washington.....	1	Alma.....	1
<b>Wilson County—</b>		<b>Ingham County—</b>	
La Fontaine.....	3	Lansing.....	3
Neodesha.....	9	Mason.....	1
Wyandotte County—		<b>Ionia County:</b>	
Kansas City.....	7	Muir.....	1
<b>Total.....</b>	<b>322</b>	Orange Township.....	1
		<b>Jackson County—</b>	
<b>Louisiana:</b>		Jackson.....	3
Acadia Parish.....	3	Summitt Township.....	1
Allen Parish.....	2	<b>Kent County—</b>	
Ascension Parish.....	8	Grand Rapids.....	3
Assumption Parish.....	6	<b>Keweenaw County—</b>	
Avoyelles Parish.....	7	Allonez Township.....	1
Beauregard Parish.....	13	Lapeere County—	
Bienville Parish.....	4	Alba Township.....	1
Caddo Parish.....	3	Leelanau County—	
Calcasieu Parish.....	3	Elmwood Township.....	1
Claiborne Parish.....	1	Lenawee County—	
Concordia Parish.....	3	Blissfield.....	1
De Soto Parish.....	2	Morenci.....	1
East Baton Rouge Parish.....	9	Livingston County—	
Evangeline Parish.....	3	Howell.....	1
East Feliciana Parish.....	3	<b>Macomb County—</b>	
Franklin Parish.....	4	Mount Clemens.....	1
Grant Parish.....	5	Sterling Township.....	1
Iberia Parish.....	10	<b>Manistee County—</b>	
Iberville Parish.....	3	Brown Township.....	1
Jefferson Parish.....	1	Marquette County—	
Jefferson Davis Parish.....	6	Marquette.....	1
Lafayette Parish.....	9	<b>Montcalm County—</b>	
Lincoln Parish.....	1	Greenville.....	1
Morehouse Parish.....	1	<b>Oakland County—</b>	
Natchitoches Parish.....	7	Independence Township.....	1
Orleans Parish.....	51	Pontiac.....	1
Ouachita Parish.....	2	<b>Ogemaw County—</b>	
Plaquemines Parish.....	3	West Branch Township.....	1
Pointe Coupee Parish.....	32	<b>Ottawa County—</b>	
Rapides Parish.....	5	Wright Township.....	1
Red River Parish.....	2	<b>St. Clair County—</b>	
Richland Parish.....	5	St. Clair Township.....	1
St. Charles Parish.....	3	<b>St. Joseph County—</b>	
St. James Parish.....	8	Mendon.....	2
St. Landry Parish.....	13	Park Township.....	1
St. Martin Parish.....	14	Three Rivers.....	1
St. Mary Parish.....	8	<b>Tuscola County—</b>	
St. Tammany Parish.....	7	Columbia Township.....	1
Tangipahoa Parish.....	10	Unionville.....	2
Terrebonne Parish.....	2	<b>Van Buren County—</b>	
Vermilion Parish.....	5	Geneva Township.....	1
Vernon Parish.....	1	<b>Washtenaw County—</b>	
Washington Parish.....	1	Ann Arbor.....	4
<b>Total.....</b>	<b>289</b>	<b>Wayne County—</b>	
		Hamtramck.....	1
<b>Michigan:</b>		Highland Park.....	1
Allegan County—		Detroit.....	5
Allegan.....	1	<b>Wexford County—</b>	
Chester Township.....	1	Antioch Township.....	1
<b>Bay County—</b>		Selma Township.....	1
Bay City.....	2	<b>Total.....</b>	<b>64</b>
<b>Berrien County—</b>		<b>Minnesota:</b>	
Benton Harbor.....	1	Big Stone County—	
		Ortonville.....	1

## TYPHOID FEVER—Continued.

## State Reports for July, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>Minnesota—Continued.</b>		<b>New York—Continued.</b>	
Brown County—		Broome County—	
New Ulm.....	1	Deposit.....	1
Springfield.....	1	Cayuga County—	
Stately Township.....	1	Auburn.....	1
Chippewa County—		Cato.....	1
Montevideo.....	1	Chautauqua County—	
Cottonwood County—		Jamestown.....	2
Amo Township.....	1	Sheridan (town).....	1
Crow Wing County—		Chemung County—	
Manganese.....	1	Elmira.....	1
Faribault County—		Southport (town).....	1
Wells.....	1	Chenango County—	
Goodhue County—		Otselic (town).....	1
Red Wing.....	1	Pitcher (town).....	1
Belle Creek Township.....	1	Sherburne.....	1
Hennepin County—		Clinton County—	
Minneapolis.....	8	Plattsburg.....	5
Itasca County—		Peru (town).....	1
Nashwauk.....	1	Cortland County—	
Lyon County—		Cortland.....	1
Tracy.....	2	Delaware County—	
Marshall County—		Colchester (town).....	3
New Solum Township.....	1	Hancock.....	1
Morrison County—		Dutchess County—	
Buckman Township.....	1	Poughkeepsie.....	1
Olmsted County—		Millerton.....	1
Rochester.....	1	Erie County—	
Ottertail County—		Buffalo.....	4
Fergus Falls.....	1	Gowanda State Hospital.....	1
Pine County—		Essex County—	
Dell Grove Township.....	1	Ticonderoga.....	2
Partridge Township.....	1	Genesee County—	
Polk County—		Batavia.....	2
Fisher.....	1	Elba.....	3
Ramsey County—		Oakfield.....	1
St. Paul.....	4	Greene County—	
White Bear.....	1	Catskill.....	1
Redwood County—		Herkimer County—	
Westline Township.....	1	Herkimer.....	1
Rice County—		Dolgeville.....	1
Faribault.....	1	Jefferson County—	
St. Louis County—		Watertown.....	3
Duluth.....	2	Alexandria Bay.....	3
Ely.....	2	Wilna (town).....	1
Steele County—		Madison County—	
Owatonna.....	1	Hamilton (town).....	1
Wadena County—		Lincoln (town).....	2
Meadow Township.....	1	Smithfield (town).....	1
<b>Total.....</b>	<b>41</b>	Monroe County—	
<b>New Jersey:</b>		Rochester.....	4
Bergen County.....	8	Pittsford.....	1
Burlington County.....	4	Niagara County—	
Camden County.....	12	Niagara Falls.....	2
Cumberland County.....	2	North Tonawanda.....	2
Essex County.....	7	Middleport.....	1
Gloucester County.....	2	Wilson.....	1
Hudson County.....	8	Oneida County—	
Mercer County.....	2	Utica.....	1
Middlesex County.....	4	Camden (town).....	1
Monmouth County.....	4	Whitestown (town).....	1
Morris County.....	2	Whitesboro.....	1
Passaic County.....	4	Onondaga County—	
Salem County.....	2	Syracuse.....	2
Somerset County.....	1	Clay (town).....	1
Union County.....	6	Marcellus.....	3
<b>Total.....</b>	<b>68</b>	Ontario County—	
<b>New York:</b>		Canandaigua.....	1
Albany County—		Orleans County—	
Albany.....	5	Clarendon (town).....	1
Watervliet.....	4	Lyndonville.....	1
Ravena.....	1	Otsego County—	
Allegany County—		Maryland (town).....	1
Angelica.....	1	Otego (town).....	1
Willing (town).....	1	Otego.....	1
		Worcester (town).....	1
		Rensselaer County—	
		Troy.....	2
		East Greenbush (town).....	1

## TYPHOID FEVER—Continued.

## State Reports for July, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
New York—Continued.		North Carolina—Continued.	
St. Lawrence County—		Durham County.....	56
Canton (town).....	1	Duplin County.....	13
Saratoga County—		Edgecombe County.....	16
Ballston (town).....	1	Franklin County.....	19
Ballston Spa.....	1	Forsyth County.....	24
Corinth.....	1	Gaston County.....	37
Waterford.....	1	Gates County.....	3
Schenectady County—		Graham County.....	3
Schenectady (town).....	1	Granville County.....	6
Rotterdam (town).....	3	Greene County.....	20
Schoharie County—		Guilford County.....	17
Cobleskill.....	1	Halifax County.....	11
Schuyler County—		Haywood County.....	7
Hector (town).....	1	Harnett County.....	15
Seneca County—		Henderson County.....	3
Waterloo.....	1	Hertford County.....	3
Seneca Falls (town).....	1	Hoke County.....	2
Seneca Falls.....	2	Iredell County.....	18
Steuben County—		Jackson County.....	5
Corning (town).....	1	Johnston County.....	17
Howard (town).....	1	Lenoir County.....	13
Lindley (town).....	1	Lee County.....	2
Suffolk County—		Lincoln County.....	3
Babylon (town).....	1	Madison County.....	1
Brookhaven (town).....	1	Martin County.....	18
Huntington (town).....	1	Mecklenburg County.....	77
Smithtown (town).....	1	Montgomery County.....	4
Sullivan County—		Moore County.....	6
Fallsburgh (town).....	4	McDowell County.....	3
Thompson (town).....	1	Nash County.....	15
Tioga County—		Northampton County.....	1
Candor.....	1	New Hanover County.....	6
Ulster County—		Orange County.....	1
Saugerties (town).....	4	Onslow County.....	5
Shandaken (town).....	1	Pasquotank County.....	13
Wawarsing (town).....	1	Pender County.....	5
Warren County—		Perquimans County.....	13
Johnsburg (town).....	1	Person County.....	3
Warrensburg (town).....	1	Polk County.....	22
Washington County—		Randolph County.....	5
Argyle.....	1	Richmond County.....	12
Hudson Falls.....	1	Robeson County.....	19
Whitehall.....	1	Rockingham County.....	15
Westchester County—		Rowan County.....	31
White Plains.....	1	Rutherford County.....	11
Ossining.....	2	Sampson County.....	6
Port Chester.....	1	Scotland County.....	13
Lewisboro (town).....	2	Stanly County.....	10
Searsdale.....	2	Stokes County.....	13
New York City.....	170	Surry County.....	12
Total.....	311	Swain County.....	4
		Transylvania County.....	2
		Union County.....	3
North Carolina:		Vance County.....	10
Alamance County.....	6	Warren County.....	4
Alexander County.....	2	Wayne County.....	45
Anson County.....	2	Wake County.....	36
Beaufort County.....	17	Washington County.....	7
Bertie County.....	4	Wilkes County.....	7
Bladen County.....	7	Wilson County.....	12
Brunswick County.....	2	Yadkin County.....	20
Buncombe County.....	7	Total.....	914
Burke County.....	13		
Carteret County.....	7	North Dakota:	
Caswell County.....	4	Adams County.....	1
Caldwell County.....	11	Barnes County.....	1
Cabarrus County.....	13	Burleigh County.....	2
Catawba County.....	2	Morton County.....	2
Cherokee County.....	4	Mountrail County.....	1
Clay County.....	4	Ramsey County.....	1
Cleveland County.....	3	Richland County.....	1
Columbus County.....	4	Stark County.....	1
Craven County.....	8	Williams County.....	1
Cumberland County.....	11	Total.....	11
Davidson County.....	5		
Davie County.....	5		

## TYPHOID FEVER—Continued.

## State Reports for July, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>Oregon:</b>		<b>Washington—Continued.</b>	
Clackamas County.....	1	Stevens County.....	3
Grant County.....	5	Chewelah.....	1
Jackson County.....	1	Colville.....	1
Klamath County.....	1	Kettle Falls.....	2
Lane County.....	2	Walla Walla County.....	17
Umatilla County.....	1	Walla Walla.....	12
Wasco County.....	1	Whitcomb County—	
Portland.....	1	Bellingham.....	1
Total.....	13	Whitman County—	
		Endicott.....	1
<b>Rhode Island:</b>		St. John.....	2
Bristol (town).....	1	Yakima County.....	8
Cranston.....	3	Yakima.....	3
Glocester (town).....	1	Total.....	81
Providence.....	8		
Tiverton (town).....	1	<b>West Virginia:</b>	
Total.....	14	Berkeley County.....	1
		Fayette County.....	6
<b>South Carolina:</b>		Jefferson County.....	9
Abbeville County.....	1	Kanawha County.....	4
Charleston County.....	46	Charleston.....	48
Darlington County.....	1	Nitro.....	29
Dorchester County.....	2	McDowell County.....	1
Greenville County.....	18	Marion County.....	5
Kershaw County.....	7	Fairmont.....	44
Lancaster County.....	6	Mercer County.....	5
Laurens County.....	1	Mingo County.....	7
Lexington County.....	1	Ohio County—	
Marion County.....	3	Wheeling.....	35
Newberry County.....	1	Fendleton County.....	2
Oconee County.....	1	Raleigh County.....	6
Orangeburg County.....	23	Wirt County.....	1
Pickens County.....	7	Total.....	203
Richland County.....	7		
Spartanburg County.....	21	<b>Wisconsin:</b>	
Sumter County.....	7	Barron County.....	1
York County.....	5	Bayfield County.....	6
Total.....	158	Crawford County.....	1
		Eau Claire County.....	1
<b>South Dakota:</b>		Fond du Lac County.....	2
Minnehaha County.....	1	Jefferson County.....	1
<b>Washington:</b>		La Crosse County.....	1
Benton County—		Langlade County.....	1
Prosser.....	1	Milwaukee County.....	7
Chelan County—		Oconto County.....	1
Wenatchee.....	7	Richland County.....	1
Clarke County.....	2	Rock County.....	2
Franklin County—		Winnebago County.....	1
Pasco.....	2	Wood County.....	3
Grant County—		Total.....	29
Hartline.....	2		
King County—		<b>Wyoming:</b>	
Seattle.....	3	Sweetwater County.....	19
Klickitat County.....	5	Johnson County.....	1
Pierce County—		Uinta County.....	1
Tacoma.....	2	Total.....	21
Spokane County.....	1		
Spokane.....	5		

## TYPHOID FEVER—Continued.

City Reports for Week Ended Aug. 10, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	6	.....	Malden, Mass.....	1	.....
Alameda, Cal.....	1	.....	Marquette, Mich.....	1	.....
Alexandria, La.....	1	.....	Milwaukee, Wis.....	1	.....
Allentown, Pa.....	2	.....	Minneapolis, Minn.....	2	.....
Alton, Ill.....	1	1	Mobile, Ala.....	1	.....
Altoona, Pa.....	3	.....	Moline, Ill.....	11	.....
Anniston, Ala.....	1	.....	Montgomery, Ala.....	4	2
Astoria, Oreg.....	1	1	Nashville, Tenn.....	17	4
Atlanta, Ga.....	2	.....	Newark, Ohio.....	3	.....
Augusta, Ga.....	2	1	New Bedford, Mass.....	2	.....
Baltimore, Md.....	9	2	New Haven, Conn.....	4	.....
Beloit, Wis.....	1	.....	New Orleans, La.....	12	4
Birmingham, Ala.....	8	2	Newport, R. I.....	1	.....
Boston, Mass.....	.....	1	New York, N. Y.....	76	8
Brockton, Mass.....	.....	.....	Norfolk, Va.....	2	.....
Buffalo, N. Y.....	1	1	Northampton, Mass.....	1	.....
Camden, N. J.....	5	.....	North Braddock, Pa.....	1	.....
Canton, Ohio.....	1	.....	North Tonawanda, N. Y.....	2	.....
Carnegie, Pa.....	1	.....	North Yakima, Wash.....	1	.....
Charleston, S. C.....	4	3	Norwalk, Conn.....	2	.....
Charleston, W. Va.....	8	2	Oakland, Cal.....	3	.....
Charlotte, N. C.....	6	1	Okla. City, Okla.....	2	1
Chelsea, Mass.....	2	.....	Orange, N. J.....	1	.....
Chester, Pa.....	2	.....	Petersburg, Va.....	4	.....
Chicago, Ill.....	11	.....	Philadelphia, Pa.....	16	3
Chillicothe, Ohio.....	1	.....	Pittsburgh, Pa.....	3	.....
Cincinnati, Ohio.....	2	2	Pittsfield, Mass.....	1	.....
Cleveland, Ohio.....	8	.....	Pontiac, Mich.....	1	.....
Colorado Springs, Colo.....	5	.....	Portland, Me.....	1	1
Corpus Christi, Tex.....	1	.....	Portland, Oreg.....	3	.....
Cortland, N. Y.....	1	.....	Pottsville, Pa.....	1	.....
Cranston, R. I.....	3	.....	Poughkeepsie, N. Y.....	1	.....
Danville, Ill.....	5	.....	Quincy, Ill.....	1	.....
Denver, Colo.....	4	.....	Raleigh, N. C.....	1	.....
Detroit, Mich.....	4	1	Reading, Pa.....	2	.....
Duluth, Minn.....	1	.....	Redlands, Cal.....	1	.....
Durham, N. C.....	11	.....	Richmond, Va.....	2	1
Elmira, N. Y.....	1	.....	Riverside, Cal.....	1	.....
Erie, Pa.....	2	.....	Rock Island, Ill.....	2	.....
Evansville, Ind.....	1	.....	Rocky Mount, N. C.....	3	1
Fairmont, W. Va.....	2	.....	St. Joseph, Mo.....	2	.....
Fall River, Mass.....	6	.....	St. Louis, Mo.....	10	5
Flint, Mich.....	.....	1	St. Paul, Minn.....	.....	1
Fort Scott, Kans.....	.....	1	Salt Lake City, Utah.....	2	.....
Fort Worth, Tex.....	4	3	San Diego, Cal.....	1	.....
Fresno, Cal.....	3	1	San Francisco, Cal.....	5	1
Galesburg, Ill.....	1	.....	Somerville, Mass.....	1	.....
Geneva, N. Y.....	1	.....	South Bend, Ind.....	2	.....
Green Bay, Wis.....	1	.....	Southbridge, Mass.....	1	.....
Greensboro, N. C.....	1	.....	Spartanburg, S. C.....	8	.....
Greenville, Tex.....	2	.....	Springfield, Ill.....	.....	2
Hackensack, N. J.....	1	1	Springfield, Mass.....	2	.....
Hammond, Ind.....	1	1	Stockton, Cal.....	.....	1
Hartford, Conn.....	1	.....	Syracuse, N. Y.....	1	1
Hattiesburg, Miss.....	2	.....	Terre Haute, Ind.....	.....	1
Haverhill, Mass.....	.....	1	Toledo, Ohio.....	1	.....
Houston, Tex.....	3	.....	Topeka, Kans.....	2	.....
Independence, Kans.....	4	.....	Trenton, N. J.....	1	.....
Indianapolis, Ind.....	4	1	Troy, N. Y.....	1	.....
Iola, Kans.....	1	.....	Vancouver, Wash.....	1	.....
Jacksonville, Ill.....	6	1	Waco, Tex.....	1	2
Kansas City, Kans.....	4	.....	Walla Walla, Wash.....	2	.....
Kansas City, Mo.....	3	1	Washington, D. C.....	7	.....
La Fayette, Ind.....	1	.....	West Chester, Pa.....	2	.....
Lansing, Mich.....	5	.....	Wheeling, W. Va.....	1	1
Lawrence, Mass.....	1	.....	Wichita, Kans.....	5	.....
Lebanon, Pa.....	1	.....	Wilmington, Del.....	7	3
Little Rock, Ark.....	3	.....	Winston-Salem, N. C.....	2	2
Long Branch, N. J.....	1	.....	Yonkers, N. Y.....	1	.....
Los Angeles, Cal.....	5	.....	Youngstown, Ohio.....	1	.....
Louisville, Ky.....	3	.....	Zanesville, Ohio.....	1	.....





# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Aug. 10, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 100,000 to 200,000 inhabit- ants—Continued.										
Lynn, Mass.	102,425	20	1		1				6	2
Memphis, Tenn.	148,995	54								7
Nashville, Tenn.	117,057	59			2		3		9	5
New Bedford, Mass.	118,158	52	1		2				4	1
New Haven, Conn.	149,085	40	1		2		1		5	1
Oakland, Cal.	198,604	37	1		3		3		4	
Omaha, Nebr.	165,470	45	3				4		1	9
Reading, Pa.	109,381				7				8	
Richmond, Va.	156,087	95	1		2		1		12	8
Salt Lake City, Utah.	117,399	24	4	1	1		3	1		1
Spokane, Wash.	150,323		4						3	
Springfield, Mass.	105,942	37	2		1				7	4
Syracuse, N. Y.	155,624	59	4	1	3		1		4	2
Tacoma, Wash.	112,770		1		7		9		1	
Toledo, Ohio.	191,554				1		1		17	4
Trenton, N. J.	111,593	59			7				7	5
Youngstown, Ohio.	108,385	52	1				1		1	2
From 50,000 to 100,000 inhabit- ants:										
Akron, Ohio.	85,625	45	10				4		12	
Allentown, Pa.	63,505		1		58				1	
Altoona, Pa.	58,659		2		3		1			
Atlantic City, N. J.	57,660	14					1		1	
Augusta, Ga.	50,245	20							12	1
Bayonne, N. J.	69,893						2		2	
Berkeley, Cal.	57,653	14	2		1				2	2
Binghamton, N. Y.	53,973		1		2		3		1	1
Brockton, Mass.	47,449	11	2		1		1		1	
Canton, Ohio.	60,852	14	2	1						
Charleston, S. C.	60,734	35							1	1
Covington, Ky.	57,144	21								1
Duluth, Minn.	94,493	13	4		3		1		9	1
El Paso, Tex.	63,705	29								3
Erie, Pa.	75,195		2		7				4	
Evansville, Ind.	76,078								4	4
Flint, Mich.	54,772	15					1			
Fort Wayne, Ind.	76,183	26	4		1					
Harrisburg, Pa.	72,015		1		1				1	2
Hoboken, N. J.	77,214	12	1						2	1
Holyoke, Mass.	65,286	14							2	
Johnstown, Pa.	68,529		2		7				2	
Kansas City, Kans.	99,437				1				2	
Lancaster, Pa.	50,853								2	
Little Rock, Ark.	57,343	20							3	3
Malden, Mass.	51,155	9	6				1		3	
Manchester, N. H.	78,283	20					2		3	3
Mobile, Ala.	58,221	15	2						2	2
Norfolk, Va.	89,612				3					4
Oklahoma City, Okla.	92,943	17	1							
Passaic, N. J.	71,744	25	3	1	6				4	3
Pawtucket, R. I.	59,411	27								
Peoria, Ill.	71,458	17	3		6		1			1
Portland, Me.	63,867	15			1					
Rockford, Ill.	55,185	13			1					1
Sacramento, Cal.	66,895	16	1		1		2			2
Saginaw, Mich.	55,642	13	3							
St. Joseph, Mo.	85,236	37	4							5
San Diego, Cal.	53,330	38	2	1					3	3
Schenectady, N. Y.	99,519	19	1		3					2
Somerville, Mass.	87,039	18	4	1					2	2
South Bend, Ind.	68,946	12	3		2				4	1
Springfield, Ill.	61,120	32		1	1					
Springfield, Ohio.	51,550	15			1					
Terre Haute, Ind.	66,083	23								
Troy, N. Y.	77,916	26							8	5
Wilkes-Barre, Pa.	76,776		7		6				3	
Wilmington, Del.	94,265	52	1				1			
Yonkers, N. Y.	99,838	32	2		10	1	2			9

# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Aug. 10, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 25,000 to 50,000 inhabit- ants:										
Alameda, Cal.	27,732	6	1				2			
Boise, Idaho.	33,546	8					1			
Brookline, Mass.	32,730	8								
Burlington, Iowa.	25,020	8					1			
Butte, Mont.	43,425	29	2				5			
Charleston, W. Va.	29,941	14	1		16		3			2
Charlotte, N. C.	39,823	21					4		1	1
Chelsea, Mass.	46,192	5	4		1		2			
Chester, Pa.	41,366		3		1					
Chicopee, Mass.	29,319	8			1					2
Clinton, Iowa.	27,386									
Cohoes, N. Y.	25,211	6					1			
Colorado Springs, Colo.	32,971	15	1						2	2
Cranston, R. I.	25,987	4							15	9
Cumberland, Md.	26,074	3	1		1				3	
Danville, Ill.	32,261	15							5	1
Davenport, Iowa.	48,811		1						3	
Dubuque, Iowa.	39,873		3							
Durham, N. C.	25,061	6	2						1	1
Easton, Pa.	30,530								1	
Elgin, Ill.	28,203	6								
Elmira, N. Y.	38,120		1		19	1				1
Evanston, Ill.	28,591	4	1							
Everett, Mass.	39,235	10					2			1
Everett, Wash.	35,486		1						4	
Fresno, Cal.	34,958	3	4				1			
Galveston, Tex.	41,863	7								2
Green Bay, Wis.	29,353	10							1	1
Hammond, Ind.	26,171	13	1							1
Haverhill, Mass.	48,477	8			5				4	1
Hazleton, Pa.	28,491		1		6					
Jackson, Mich.	35,363	19	2		3		2		4	2
Jamestown, N. Y.	36,580	18			7				1	1
Kalamazoo, Mich.	48,886	30							3	3
Kenosha, Wis.	31,576	10	2							
Knoxville, Tenn.	38,676		4	1					1	1
La Crosse, Wis.	31,677	7							1	
Lansing, Mich.	40,498		12		7		1			
Lexington, Ky.	41,097	24								2
Lima, Ohio.	35,384	11	2						1	2
Lincoln, Nebr.	46,515	14							2	
Long Beach, Cal.	27,587	9			3				1	
Lorain, Ohio.	36,964		2				1		4	
Lynchburg, Va.	32,940	14								
Madison, Wis.	30,699	10	1				1			
McKeesport, Pa.	47,521				4					
Medford, Mass.	26,234	7	1		4					
Moline, Ill.	27,451	9								1
Montclair, N. J.	28,318	10								2
Montgomery, Ala.	34,285	23	2						1	
Muncie, Ind.	25,424	6	3							1
Nashua, N. H.	27,327	12								1
Newark, Ohio.	29,635	6								1
Newburgh, N. Y.	29,603	13								
Newport, R. I.	30,108	3								
Newton, Mass.	43,715	6	1							
Niagara Falls, N. Y.	37,353	13		1	9					2
Norristown, Pa.	31,401		2						4	
Norwalk, Conn.	26,899									1
Oak Park, Ill.	26,654	8	1							
Ogden, Utah.	31,404	10	2							
Orange, N. J.	33,080	18	1						1	
Oshkosh, Wis.	36,065	7			2					2
Pasadena, Cal.	46,450	14	1				1			
Perth Amboy, N. J.	41,185	16								
Petersburg, Va.	25,582	21							1	2
Pittsfield, Mass.	38,629	9	1				1		1	
Poughkeepsie, N. Y.	30,390	8							2	1
Quincy, Ill.	36,798	18							1	1
Quincy, Mass.	35,136	8			1				2	

# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

## City Reports for Week Ended Aug. 10, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 25,000 to 50,000 inhabit- ants—Continued.										
Roanoke, Va.	43,284	14			1				3	
Rock Island, Ill.	28,926		1							
San Jose, Cal.	38,902		2						1	
Sheboygan, Wis.	28,559	1	1							
Shenandoah, Pa.	29,201				1				2	
Springfield, Mo.	40,341	8							1	
Steubenville, Ohio.	27,445	11			1				1	
Stockton, Cal.	35,358	13	1				2	1		2
Superior, Wis.	46,226	8					4	1		
Taunton, Mass.	36,283	14							1	1
Topeka, Kans.	48,726	11					1			
Waco, Tex.	33,385								3	2
Walla Walla, Wash.	25,136				1					
Waltham, Mass.	30,570	3								
Waterloo, Iowa.	35,559	8								
Watertown, N. Y.	29,894	2								1
West Hoboken, N. J.	43,139	5							2	1
Wheeling, W. Va.	43,377	26								
Winston-Salem, N. C.	31,155	19	2	1			1		1	
Zanesville, Ohio.	30,863	15							1	
From 10,000 to 25,000 inhabit- ants:										
Adams, Mass.	14,214	4								1
Alexandria, La.	15,333	8							2	1
Alton, Ill.	22,874	14							1	2
Ansonia, Conn.	16,704	3							5	1
Appleton, Wis.	17,834	2							1	1
Arlington, Mass.	12,810	3								
Asbury Park, N. J.	14,007	5			1					
Bakersfield, Cal.	16,874	12								3
Beatrice, Nebr.	10,287	4								
Beloit, Wis.	18,072	8								
Benton Harbor, Mich.	10,833	2								
Bethlehem, Pa.	14,142				3					
Beverly, Mass.	21,645	4								1
Billings, Mont.	14,422	2					1		3	
Bloomfield, N. J.	18,468		1				1		1	
Braddock, Pa.	21,685						1			
Bradford, Pa.	14,544		1		2		4			
Brazil, Ind.	10,315	4								
Bristol, Conn.	15,927	5					3			
Bristol, R. I.	9,609	11	1		10					
Burlington, Vt.	21,617	13			2	2				
Cairo, Ill.	15,794	6								
Canton, Ill.	13,262	4								1
Cape Girardeau, Mo.	10,775	1								1
Carlisle, Pa.	10,726		1							
Chanute, Kans.	12,445				2					
Chillicothe, Ohio.	15,470	12	1				3			3
Clinton, Mass.	13,075	4	1		5		1		5	2
Coatesville, Pa.	14,455				2		1			
Concord, N. H.	22,669	4	1		9					
Corpus Christi, Tex.	10,432	2								
Corsicana, Tex.	10,022	3							2	1
Cortland, N. Y.	13,069	2								
Dedham, Mass.	10,433	4							2	
Dunmore, Pa.	20,776								2	
Elyria, Ohio.	18,618	3		1						
Englewood, N. J.	12,231	3								2
Eugene, Oreg.	13,572				1					
Fargo, N. Dak.	17,389	2			1				1	
Farrell, Pa.	10,190		1		1					
Findlay, Ohio.	11,858	3							4	
Fond du Lac, Wis.	21,113	8								
Fort Scott, Kans.	10,550	3								
Fostoria, Ohio.	10,770	1					2			
Galesburg, Ill.	21,267	7								
Gardner, Mass.	17,140		2				1		2	

<sup>1</sup> Population Apr. 15, 1910; no estimate made.

# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Aug. 10, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 10,000 to 25,000 inhabi- tants—Continued.										
Geneva, N. Y.	13,711	1					1			
Granite City, Ill.	15,142	8								
Greenfield, Mass.	11,998	3					2			
Greensboro, N. C.	19,577	4	1	1						1
Greenwich, Conn.	19,159				1				2	1
Hackensack, N. J.	16,945	6			1		1		1	
Hancock, Mich.	12,079	2								
Harrison, N. J.	16,950		2	1						
Hornell, N. Y.	14,685	3								
Hudson, N. Y.	12,705	4			8	1				
Independence, Kans.	14,506	2	1						3	
Independence, Mo.	11,672	6								
Jacksonville, Ill.	15,451	14							21	1
Johnstown, N. Y.	10,646	6			2					
Kankakee, Ill.	14,230		1							
Kearney, N. J.	23,539	7					1		3	1
Kokomo, Ind.	20,930	5								1
Lackawanna, N. Y.	15,987	8			6				7	
La Fayette, Ind.	21,288	6								
Leavenworth, Kans.	19,363	7							3	
Lebanon, Pa.	20,799		2				1		3	
Long Branch, N. J.	15,395	4			3					1
Manahoy City, Pa.	17,463				5					
Manchester, Conn.	15,551	1					2			
Manitowoc, Wis.	13,805	3								
Marinette, Wis.	14,610	3								
Marion, Ind.	19,831	5					1		1	
Marquette, Mich.	12,409	3								
Massillon, Ohio.	15,310	4								
Mattoon, Ill.	12,582	4								
Melrose, Mass.	17,445	3	1		1				1	
Michigan City, Ind.	21,512	7	1						1	1
Mishawaka, Ind.	16,385	4								
Missoula, Mont.	18,214	1								
Morgantown, W. Va.	13,709	1								
Morristown, N. J.	13,281	9								
Nanticoke, Pa.	23,126		1		5					
Natick, Mass.	10,102	2								
Newburyport, Mass.	15,243	2								
New London, Conn.	20,985	9	1						1	
North Adams, Mass.	22,019	12								
Northampton, Mass.	19,926	9	1	1						
North Attleboro, Mass.	11,014	2	1							
North Tonawanda, N. Y.	13,768	5	1		5					
Norwood, Ohio.	22,286	2	1				1			
Oil City, Pa.	19,297								2	
Olean, N. Y.	16,624	11								2
Parkersburg, W. Va.	20,612	6								
Peabody, Mass.	18,360	6			3					
Peekskill, N. Y.	18,530	6								
Piqua, Ohio.	14,153	7							1	
Plainfield, N. J.	23,805	12								1
Plymouth, Mass.	13,743	4								
Plymouth, Pa.	19,100				1					
Pontiac, Mich.	17,524		1				1		1	1
Port Chester, N. Y.	16,183	4								
Pottsville, Pa.	22,372				4		1		1	
Rahway, N. J.	10,219	4							2	
Raleigh, N. C.	20,127								1	1
Redlands, Cal.	14,000	4								1
Riverside, Cal.	19,763								1	1
Rocky Mount, N. C.	12,067	5							1	1
Rome, N. Y.	23,737								2	
Rutland, Vt.	14,831	2								
Sandusky, Ohio.	20,193	10					1		1	
Sanford, Me.	10,916	2								
Santa Cruz, Cal.	14,594	4								
Saratoga Springs, N. Y.	13,821	5			1					

\* Population Apr. 15, 1910; no estimate made.

**DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—**  
Continued.

**City Reports for Week Ended Aug. 10, 1918—Continued.**

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 10,000 to 25,000 inhabit- ants—Continued.										
Sault Ste. Marie, Mich. ....	13,919	1								
Southbridge, Mass. ....	14,205	2							1	
Spartanburg, S. C. ....	21,365	2	1						1	
Tuscaloosa, Ala. ....	10,488	3								
Uniontown, Pa. ....	20,789						1			
Vallejo, Cal. ....	13,461	2								
Warren, Ohio. ....	13,059						1			
Watertown, Mass. ....	14,867	2					1		1	
Wausau, Wis. ....	19,239	3								
West Chester, Pa. ....	13,176								1	
Westfield, Mass. ....	18,391	6								
West New York, N. J. ....	18,773		1						2	
Wilksburg, Pa. ....	23,228		1		5				3	
Winona, Minn. ....	<sup>1</sup> 18,583	6								1
Winthrop, Mass. ....	12,692				1		1			
Woburn, Mass. ....	15,969	5			2					

<sup>1</sup> Population Apr. 15, 1910; no estimate made.

## **FOREIGN.**

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### **CANADA.**

#### **Typhoid Fever—Kingston.**

Typhoid fever was reported present at Kingston, Ontario, Canada, August 12, 1918, with about 40 cases. (Population, about 23,000.)

### **CHINA.**

#### **Quarantine Against Hongkong—Cerebrospinal Meningitis.**

According to information dated July 12, 1918, quarantine measures have been adopted against arrivals from Hongkong on account of cerebrospinal meningitis as follows: At ports in China—Amoy, Canton, Chefoo, Newchwang, Ningpo, Shanghai, Swatow, and Tientsin; in Indo-China, at Saigon; in the Philippine Islands; in Siam, at Bangkok; and in the Straits Settlements, at Singapore.

#### **Plague—Plague Rats—Hongkong.**

During the four weeks ended June 29, 1918, 82 cases of plague were notified at Hongkong, and during the week ended July 6, 1918, 40 cases. The finding of plague-infected rats was reported as follows: Four weeks ended June 29, 1918, out of 7,965 rats taken 66 were found plague infected; week ended July 6, 1918, out of 2,071 rats taken 19 found infected.

### **GUATEMALA.**

#### **Yellow Fever—Measures To Prevent Spread.**

Yellow fever in epidemic form has been reported present on the west coast of Guatemala, and with a view to preventing the spread of the infection from the west to the east coast certain quarantine procedures have been established at Guatemala City. On account of the high altitude of the city of Guatemala and its environment, and the freedom of this area from mosquitoes, it is considered as noninfectible by yellow fever. On August 19, 1918, preventive measures were reported to be in force at Guatemala City. These measures consist in the detention at that place, for a period of seven days, of all travelers passing from the west to the east coast in order that no one infected with yellow fever should proceed to the eastern coast. In addition to this, all through cars from the west to the east coast will be detained and fumigated for the destruction of mosquitoes. It is stated that the epidemic is under control and



there is no danger of the infection extending to ports on the Atlantic coast of Guatemala. Senior Surg. Joseph H. White of the United States Public Health Service, and Dr. Alvin H. Struse, of the Rockefeller Foundation, have been present in the yellow-fever district since about August 1, 1918, and are exercising general supervision of preventive and eradivative measures.

### JAPAN.

#### Cerebrospinal Meningitis—Kobe.

During the period from April 14 to June 29, 1918, 68 cases of cerebrospinal meningitis were notified at Kobe, Japan.

### WEST INDIES.

#### Influenza—Basse Terre, Guadeloupe.

Epidemic influenza was reported present., August 3, 1918, at Basse Terre, Guadeloupe.

### CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

#### Reports Received During Week Ended Aug. 30, 1918.<sup>1</sup>

#### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands:				
Provinces.....				July 7-13, 1918: Cases, 131; deaths, 67.
Bohol.....	July 7-13.....	95	48	
Cebu.....	do.....	17	9	
Oriental Negros.....	do.....	19	10	

#### PLAGUE.

China:				
Hongkong.....	June 2-29.....	82	66	
Do.....	June 30-July 6....	40	28	
Straits Settlements:				
Penang.....	June 2-28.....	1	1	
Singapore.....	May 19-June 22....	21	20	

#### SMALLPOX.

Canada:				
Nova Scotia—				
Halifax.....	Aug. 3-9.....	8		
China:				
Chungking.....	June 16-29.....			Present.
Hongkong.....	June 2-8.....	1	1	
Do.....	June 30-July 6....	1	1	
Nanking.....	June 30-July 13....			Do.
France:				
Paris.....	June 22-29.....	2	1	
Germany:				
.....				Mar. 21-June 1, 1918: Cases, 29
Italy:				
Genoa.....	July 2-15.....	19	5	
Mexico:				
Mexico City.....	July 14-27.....	9		
Russia:				
Lithuania.....	Apr. 14-May 4....	57	2	

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.**

**Reports Received During Week Ended Aug. 30, 1918—Continued.**

## **TYPHUS FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary:				
Hungary.....	.....	.....	.....	Feb. 25-Apr. 28, 1918: Cases, 229; deaths, 9.
Budapest.....	do.....	51	1	
Egypt:				
Alexandria.....	June 25-July 1....	139	37	Apr. 14-May 11, 1918: Cases, 54; deaths, 4. In addition, 101 cases among prisoners of war, of which 99 in Königsberg and 1 in Oppeln, and 3 cases among the repatriated from Volhynia, Russia.
Germany.....	.....	.....	.....	
Greece:				
Saloniki.....	June 23-29.....	.....	1	
Mexico:				
Mexico City.....	July 14-27.....	82	.....	
Russia:				
Lithuania.....	.....	.....	.....	Apr. 14-May 4, 1918: Cases, 929; deaths, 33.
Poland.....	.....	.....	.....	Apr. 28-May 18, 1918: Cases, 2,323; deaths, 213.
Lodz.....	Apr. 28-May 18....	129	17	
Warsaw.....	do.....	866	103	
Tunisia:				
Tunis.....	July 6-12.....	2	2	

## **YELLOW FEVER.**

Brazil:				
Bahia.....	June 30-July 6....	4	2	

**Reports Received from June 29 to Aug. 23, 1918.**

## **CHOLERA.**

Place	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary:				
Hungary.....	.....	.....	.....	July 26, 1918: Present.
India:				
Bombay.....	Mar. 17-Apr. 13....	2	1	
Calcutta.....	Apr. 14-May 18....	.....	279	
Madras.....	Mar. 24-May 11....	4	2	
Rangoon.....	Mar. 30-May 18....	25	19	
Indo-China.....	.....	.....	.....	Jan. 1-Feb. 28, 1918: Cases, 190; deaths, 126.
Cambodia.....	Jan. 1-Feb. 28....	125	83	
Cochin-China.....	do.....	54	43	May 20-June 16, 1918: Cases, 66; deaths, 55.
Cholon.....	May 20-June 16....	4	.....	
Saigon.....	Apr. 20-May 26....	64	4	
Tonkin.....	Jan. 1-31.....	1	43	
Java:				
East Java—				
Surabaya.....	July 24.....	.....	.....	Present.
Mid-Java.....	.....	.....	.....	Apr. 18-June 5, 1918: Cases, 734; deaths, 559.
Samarang.....	July 24.....	.....	.....	Present.
West Java.....	.....	.....	.....	Feb. 22-June 18, 1918: Cases, 1,319; deaths, 791.
Batavia.....	Feb. 22-June 13....	200	93	
Cheribon.....	June 7-13.....	137	104	
Persia:				
Provinces—				
Kars Province—				
Kazaroun.....	.....	.....	.....	December, 1917: 3 or 4 deaths reported daily.
Mahour-Milati.....	.....	.....	.....	Present in December, 1917, with about 300 fatal cases reported.
Khorasan.....	.....	.....	.....	Oct. 2-Nov. 16, 1917: Cases, 78; deaths, 56. In 7 localities.
Seistan.....	.....	.....	.....	Nov. 4, 1917: Cases, 6. A part of this Province or region extends into Afghanistan.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.**

**Reports Received from June 29 to Aug. 23, 1918—Continued.**

## **CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands:</b>				
Provinces.....				Apr. 28-June 29, 1918: Cases, 677; deaths, 429.
Bohol.....	Apr. 28-June 29...	65	53	
Capiz.....	Apr. 24-May 4.....	1	1	
Cebu.....	May 5-June 22.....	35	19	
Leyte.....	Apr. 28-June 29.....	108	59	
Misamis.....	Apr. 28-June 22.....	294	163	
Oriental Negros.....	June 3-29.....	42	23	
Sorsogon.....	June 2-29.....	112	100	
Surigao.....	Apr. 28-June 22.....	92	89	
Provinces.....				June 30-July 6, 1918: Cases, 65; deaths, 26.
Cebu.....	June 30-July 6.....	25	10	
Leyte.....	do.....	2	2	
Misamis.....	do.....	38	11	
Oriental Negros.....	do.....	1	1	
Surigao.....	do.....	2	2	
Russia:				
Petrograd.....	July 7.....			Present.
Sweden:				
Stockholm.....	July 15.....	5	1	From s. s. Angermanland from Petrograd, Russia.
Switzerland.....				July 20, 1918: Present.
On vessel:				
S. S. Angermanland.....	July 14.....	8	1	At Stockholm; from Petrograd.

## **PLAGUE.**

Arabia:				
Aden.....	May 22-28.....		1	
Argentina:				
Buenos Aires.....	Apr. 20-May 22.....	16	2	
Tucuman.....				In March, 1918; 3 cases in an institution.
Brazil:				
Bahia.....	June 16-22.....	1	1	
Ceylon:				
Colombo.....	Mar. 23-May 11.....	13	13	
China:				
Hongkong.....	Apr. 14-June 1.....	42	28	
Ecuador:				
Duran.....	Apr. 1-30.....	2		
Guayaquil.....	May 1-June 15.....	28	10	
Egypt.....				Jan. 1-June, 1918: Cases, 203; deaths, 110.
Port Said.....	May 19-21.....	2	1	1 pneumonic.
Provinces—				
Beni-Souef.....	Apr. 26-30.....	2	1	
Fayoum.....	Apr. 21-June 17.....	8	4	
Keneh.....	May 16.....	1	1	
Minieh.....	Apr. 23-June 10.....	33	14	5 septicemic.
Great Britain:				
Erwarton.....	June 19.....	1	1	Rural district, Samford, East Suffolk.
London, Port.....	Aug. 17.....	5		On vessel from Calcutta.
Rochester.....	June 2.....	1	1	From s. s. Somali at Gravesend from Bombay.
India.....				Mar. 31-May 11, 1918: Cases, 113,795; deaths, 61,178.
Bassein.....	Mar. 25-Apr. 27.....		90	
Bombay.....	Mar. 24-Apr. 20.....	493	402	
Calcutta.....	Apr. 14-May 18.....		60	
Henzada.....	Mar. 24-Apr. 13.....		20	
Madras Presidency.....	Mar. 24-May 11.....	442	332	
Mandalay.....	Mar. 17-Apr. 20.....		52	
Moulmein.....	Mar. 24-Apr. 27.....		127	
Myingyan.....	Mar. 17-Apr. 14.....		10	
Pegu.....	Apr. 14-20.....		2	
Prome.....	Mar. 24-Apr. 27.....		23	
Rangoon.....	Mar. 30-May 18.....	384	371	
Toungoo.....	Mar. 24-Apr. 27.....		59	
Indo-China.....				Jan. 1-Feb. 28, 1918: Cases, 275; deaths, 200.
Anam.....	Jan. 1-Feb. 28.....	58	38	
Cambodia.....	do.....	128	120	
Cochin-China.....	do.....	85	40	
Cholon.....	May 20-June 8.....	12	6	May 20-June 8, 1918: Cases, 63; deaths, 30.
Saigon.....	Apr. 29-June 8.....	83	36	
Laos.....	Feb. 1-28.....	4	2	

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.**

Reports Received from June 29 to Aug. 23, 1918—Continued.

**PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
East Java.....				Jan. 15-Apr. 22, 1918: Cases, 328; deaths, 226.
Residences—				
Djakarta.....	Jan. 15-Apr. 8....	3	3	
Kediri.....	.....do.....	13	10	
Madiden.....	.....do.....	30	30	
Samarang.....	.....do.....	82	81	
Surabaya.....	.....do.....	60	60	
Surakarta.....	.....do.....	12	12	
Peru:				
Departments—				Jan. 1-June 30, 1917: Cases, 245; deaths, 122. July 1-Dec. 31, 1917: Cases, 169; deaths, 89. For distribution according to departments, see Public Health Reports, July 26, 1918, p. 1261.
Ancachs.....	Apr. 1-15.....	1		
Cajamarca.....	Apr. 16-May 31....	7		
Lambayeque.....	.....do.....	8		
Libertad.....	Apr. 1-May 31....	40		
Lima.....	.....do.....	6		
Piura.....	.....do.....	9		
Siam:				
Bangkok.....	May 10-25.....	42	24	
Straits Settlements:				
Singapore.....	Apr. 2-May 18....	40	33	
On vessel:				
S. S. Somali.....	May 19.....	3	1	At Gravesend, England, from Bombay. Further case developed June 2 in member of crew at Rochester, England.

**SMALLPOX.**

Algeria:				
Algiers.....	May 1-June 30....	121	34	
Brazil:				
Bahia.....	May 5-June 22....	2		
Rio de Janeiro.....	May 5-June 1....	27	6	
Santos.....	Apr. 22-28.....		1	
British East Africa:				
Mombasa.....	Jan. 1-Mar. 31....		3	
Canada:				
British Columbia—				
Victoria.....	June 23-29.....	4		
Do.....	July 7-Aug. 3....	2		
Manitoba—				
Winnipeg.....	June 9-22.....	5		
Do.....	July 7-20.....	4		
New Brunswick—				
Moncton.....	June 16-22.....	2		
Do.....	July 7-13.....	4		
Newfoundland—				
St. John's.....	June 22-28.....	1		
Nova Scotia—				
Halifax.....	.....do.....	10		
Do.....	June 30-July 27..	53		
Sydney.....	.....do.....	3		
Ontario.....				July 1-31, 1918: Cases, 38.
Windsor.....	July 21-27.....	1		
Prince Edward Island—				
Summerside.....	July 9-15.....	1		
Quebec—				
Montreal.....	July 7-13.....	1		
Ceylon:				
Colombo.....	Mar. 23-May 18....	8	2	
China:				
Amoy.....	Apr. 1-June 9....			Present.
Antung.....	May 20-June 9....	6	1	
Chungking.....	May 12-June 15....			Present.
Dairen.....	May 7-June 24....	53	10	
Hai'ar Station.....	Feb. 12-18.....	2		Chinese Eastern Ry.
Harbin.....	Mar. 20-26.....	2		Do.
Manchuria Station.....	Feb. 19-Apr. 8....	5		Do.
Hongkong.....	Apr. 6-May 18....	4	1	
Nanking.....	June 16-22.....			Present.
Shanghai.....	Apr. 21-June 2....	3		
Tientsin.....	May 19-June 15....	10		
Tsingtau.....	May 6-June 30....	28	1	
Do.....	July 1-7.....	2		
Colombia:				
Barranquilla.....	July 14-20.....		1	
Cartagena.....	May 21-July 1....		2	
Do.....	July 8-15.....		1	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.**

**Reports Received from June 29 to Aug. 23, 1918—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Denmark:				
Copenhagen.....	June 16-22.....	13		
Ecuador:				
Guayaquil.....	Apr. 1-30.....	2		
Egypt:				
Alexandria.....	May 7-13.....	1		
France:				
La Rochelle.....	June 2-8.....	1	1	
Paris.....	Apr. 21-June 15.....	12	3	
Rouen.....	May 12-June 15.....	6		Including varioloid.
Great Britain:				
Liverpool.....	June 9-15.....	1		From vessel.
Greece:				
Kalamata.....	June 26.....			Present.
India:				
Bombay.....	Mar. 24-Apr. 6.....	731	356	
Calcutta.....	Apr. 14-May 18.....		167	
Karachi.....	Apr. 6-20.....	29	21	
Madras.....	Mar. 24-May 18.....	52	13	
Rangoon.....	Mar. 31-May 18.....	78	35	
Indo-China:				
Anam.....	Jan. 1-Feb. 28.....	566	93	Jan. 1-Feb. 28, 1918: Cases, 1,375; deaths, 291.
Cambodia.....	do.....	43	9	
Cochin-China.....	do.....	650	216	May 20-June 16, 1918: Cases, 67; deaths, 24.
Cholon.....	May 20-June 16.....	1		
Kwang Chow-Wan.....	Feb. 1-28.....	2	1	
Laos.....	Jan. 1-Feb. 28.....	8	1	
Tonkin.....	do.....	106	1	
Italy:				
Genoa.....	June 14-30.....	19	5	
Mezzojuso.....	May 29.....			Many cases. Province of Palermo, Sicily.
Milan.....				In April, 1918: Cases, 2. May 1-31, 1918: Cases, 54.
Palermo.....	May 30-June 5.....	1		
Turin.....	Apr. 15-June 9.....	16	1	
Japan:				
Nagasaki.....	May 20-June 30.....	14	2	
Po.....	July 3-21.....	1	1	
Taihooku.....	May 21-July 1.....	18	9	Island of Formosa.
Tokyo.....	May 5-June 23.....	17		Feb. 14-Mar. 13, 1918: Cases, 15.
Java:				
East Java.....				Feb. 12-Apr. 22, 1918: Cases, 26; deaths, 4.
Surabaya.....	Feb. 26-Apr. 8.....	2	1	Feb. 14-June 5, 1918: Cases, 103; deaths, 2.
Mid-Java.....				Feb. 22-June 13, 1918: Cases, 343; deaths, 105.
West Java.....				
Batavia.....	Feb. 2-June 13.....	89	30	
Mesopotamia:				
Bagdad.....	Mar. 6-May 10.....	21	7	
Mexico:				
Aguascalientes.....	June 10-16.....		1	
Guadalajara.....	June 1-30.....	3		
Mazatlan.....	June 5-25.....		2	
Do.....	July 3-23.....		2	
Mexico City.....	May 19-June 22.....	78		
Do.....	June 30-July 13.....	6		
Philippine Islands:				
Manila.....	Apr. 28-June 29.....	884	616	Varioloid: Cases, 178; 1 death.
Do.....	June 30-July 6.....	29	27	Varioloid: Cases, 3; deaths 1.
Portugal:				
Lisbon.....	Feb. 24-June 29.....	97		
Do.....	June 30-July 13.....	25		
Russia:				
Lithuania.....	Mar. 3-Apr. 13.....	31	3	
Siam:				
Bangkok.....	May 11-June 8.....	6	3	
Siberia:				
Vladivostok.....	May 1-June 15.....	31	5	
Spain:				
Coruna.....	Apr. 28-June 30.....	1	1	
Malaga.....	Dec. 1-31.....		29	
Do.....	Jan. 1-31.....		16	
Seville.....	Apr. 1-May 31.....		2	
Straits Settlements:				
Penang.....	May 5-11.....	2		
Union of South Africa:				
Johannesburg.....	Feb. 1-Apr. 30.....	37		
On vessel.....				1 case. At Liverpool, England.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.**

**Reports Received from June 29 to Aug. 23, 1918—Continued.**

## **TYPHUS FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Rosario.....	Apr. 1-May 31.....		2	
Austria-Hungary:				
Hungary.....				Feb. 25-Apr. 14, 1918: Cases, 166; deaths, 4.
Budapest.....	Feb. 25-Apr. 14.....	30	1	
Brazil:				
Rio de Janeiro.....	May 25-June 1.....	1		
China:				
Antung.....	May 20-June 9.....	4		
Changsha.....	May 11-17.....	2	1	
Harbin.....	Jan 1-Apr. 8.....	17		On Chinese Eastern Ry.
Manchuria Station.....	Jan. 15-Apr. 8.....	14		Do.
Shanghai.....	May 5-11.....		1	
Egypt:				
Alexandria.....	May 7-June 24.....	1,223	284	
Germany.....				Mar. 24-May 11, 1918: Cases, 60; deaths, 9. Of these, 10 cases, 2 deaths, Mar. 24-Apr. 6, among prisoners of war.
Great Britain:				
Belfast.....	May 26-June 1.....	1		
Edinburgh.....	June 9-15.....		1	
Glasgow.....	May 19-June 1.....	13	4	
Greece:				
Athens.....	Apr. 14-May 13.....		5	
Saloniki.....	Apr. 28-June 22.....		33	
Italy:				
Corato.....	May 6-June 2.....	4		Province of BarL
Monetta.....	May 6-June 9.....	25		Do.
Naples.....	Apr. 20-May 5.....	1		
Japan:				
Nagasaki.....	May 27-June 23.....	1	1	
Do.....	July 3-21.....	1	1	
Tokyo.....	June 24-July 7.....	1		
Java:				
East Java.....				Feb. 12-Apr. 8, 1918: Cases, 29; deaths, 8.
Surabaya.....	Feb. 12-Apr. 8.....	22	6	
Mid-Java.....				Feb. 14-May 22, 1918: Cases, 32; deaths, 4.
Samarang.....	Feb. 21-May 22.....	10	2	
West Java.....				Feb. 28-June 6, 1918: Cases, 89; deaths, 18.
Batavia.....	Feb. 28-June 6.....	61	15	
Mesopotamia:				
Bagdad.....	Mar. 29-May 10.....	84		
Mexico:				
Aguascalientes.....	July 8-14.....		1	
Chihuahua, State—Parral.....	July 10.....		2	Epidemic; reported present from about June 15, 1918.
Guadalajara.....	June 1-30.....	5		
Mexico City.....	May 19-June 22.....	186		
Do.....	June 30-July 13.....	83		
Portugal:				
Lisbon.....	Feb. 24-May 25.....	5		
Siberia:				
Vladivostok.....	May 1-June 15.....	16	2	
Russia:				
Lithuania.....	Mar. 3-Apr. 13.....	1,585	67	
Poland.....	Mar. 10-Apr. 27.....	6,270	553	Mar. 10-Apr. 27, 1918: Cases, 6,270; deaths, 553.
Lodz.....	do.....	341	62	
Warsaw.....	do.....	2,562	273	
Spain:				
Almeria.....	Apr. 1-30.....	1		
Tunisia:				
Tunis.....	May 18-June 28.....	11	3	
Do.....	June 29-July 5.....	2		
Union of South Africa:				
Cape of Good Hope, State.....				Sept. 10, 1917-Apr. 21, 1918: Cases, 4,587 (European, 34); deaths, 939 (European, 25). June 2-15, 1918: Present in interior towns among natives.
Natal.....				Dec. 1, 1917-Apr. 21, 1918: Cases, 50; deaths, 11.

## **YELLOW FEVER.**

Brazil:				
Bahia.....	Apr. 27-June 29.....	25	6	
Ecuador:				
Guayaquil.....	Apr. 1-June 30.....	74	39	
Naranjal.....	do.....	2	1	